PEDAS
LED Aydınlatma Teknolojileri

İLETİŞİM CONTACT

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PEDAS®
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www.pedas.com.tr

2022/23

LED AYDINLATMA ÜRÜN KATALOĞU

LED Lighting Product Catalogue

Since
1979

HAKKIMIZDA

Pedaş Elektrik Sanayi ve Ticaret A.Ş. 1979 yılında kurulmuştur. Pedaş 11.000 m2 büyüklüğündeki modern tesisinde, geniş çalışan kadrosuyla iç ve dış mekan LED aydınlatma armatürleri üretmekte ve ürünlerini yurt içi pazara sunmanın yanında dünya üzerinde 66 ülkeye ihraç etmektedir.

Pedaş tecrübeli mühendis, tasarımcı ve tekniker kadrosuyla müşterilerinin Proje bazlı ihtiyaçlarını belirleme konularında da danışmanlık hizmeti sunmaktadır. Aynı şekilde AR-GE departmanında deneyimli kadrosuyla yeni ürün geliştirme konularında sürekli çalışmalar yapmaktadır.

Pedaş köklü geçmişinden edindiği tecrübesini, yenilikçi ve inovatif vizyonuyla birleştirerek sektörün lider kuruluşları arasında yer almanın haklı gururunu yaşamaktadır.

Pedaş tedarikçilerini, çalışanlarını, müşterilerini ve diğer tüm paydaşlarını Pedaş Ailesinin bir ferdi olarak görmekte ve tüm aile fertlerinin mutluluğu için çalışmaktadır.

''Toplam Kalite Yönetimi'' anlayışını tüm süreçlerde uygulayan Pedaş TSE-ISO 9001:2008 kalite standartlarında üretim yaparak, ''Koşulsuz Müşteri Memnuniyeti'' politikasıyla sürekli hedef büyütmekte ve geleceğe emin adımlarla yürümektedir.

PEDAS®
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ABOUT US

Pedaş Electric Industry and Trade Inc. was established in 1979. Pedaş company manufactures indoor and outdoor LED lighting fixtures, industrial type lighting fixtures in its modern factory of 11.000 m2 and exports its products to 66 countries around the world.

Pedaş offers consultancy services in determining the Project-based needs of its customers with its experienced engineers, designers and technicians. Likewise, with its experienced R&D department staff, it constantly works on new product development.

Pedaş is proud of being among the leading companies of the sector by combining its experience gained from its deep-rooted past with its innovative and continuous improvement vision.

Pedaş considers its suppliers, employees, customers and all other stakeholders as members of the Pedaş Family and works for the happiness of all family members.

Applying the “Total Quality Management” rules in all processes, Pedaş makes production with TSE-ISO 9001: 2008 quality standards, continuously increases its targets with its “Unconditional Customer Satisfaction” policy and takes firm steps towards the future.

KURUMSAL DEĞERLERİMİZ

Misyonumuz

Çalışanlarımızın, tedarikçilerimizin, müşterilerimizin ve diğer tüm paydaşlarımızın koşulsuz memnuniyetini sağlamak. Kalitemizi sürekli artırarak değer yaratmak. Tüm süreç ve faaliyetlerini en iyi şekilde yerine getirmek. İnsanlığa, çevreye ve evrensel değerlere olan sorumluluklarımızı yerine getirmek.

43 Yıldır Tüm Dünyaya İhracat Yapıyoruz

Vizyonumuz

Türkiye'de aydınlatma sektörünün lider firmalarının arasında olmak. İhracatta uluslararası pazarlarda adından söz ettiren firma olmak. Ürün çeşitliliği, kalitesi, dinamizmi ve verimliliğiyle fark yaratan bir firma olmak. Yenilikçi ürünleriyle sektörü yönlendiren bir firma olmak.

CORPORATE VALUES

Our Mission

To ensure the unconditional satisfaction of our employees, suppliers, customers and all other stakeholders. To create value by continuously increasing our quality. Fulfilling all processes and activities in the best way. To ful fill our responsibilities to humanity, environment and universal values.

We Export to the World for 43 Years

Our Vision

To be among the leading LED lighting manufacturers in Turkey. To be a well known brand in international markets. To be a company that makes a difference with its product variety, quality, dynamism and efficiency. To be a company that leads the sector with its innovative products.

BAŞKAN'IN MESAJI

43 sene önce sıfırdan kurduğumuz Pedaş'ın bu konuma gelmesinde dürüstlük, etik çalışma ahlakı, kaliteden ödün vermeyen anlayışımız, çalışanlarımızın, tedarikçilerimizin ve müşterilerimizin koşulsuz memnuniyetini sağlamamız etkili olmuştur.

Aydınlatma sektörü Türkiye'de ve dünyada hızla büyümektedir. Pedaş olarak büyüyen bu pazardaki payımızı sürekli artırmayı ve yenilikçi ürünlerle sektörü yönlendirip, yeni bakış açıları kazandırmayı hedeflemekteyiz.

Yeni modern fabrikamızda, kalifiye çalışanlarımız ve çözüm ortaklarımız olan tedarikçilerimizle sinerji oluşturarak üretim yapmakta ve ürünlerimizi iç piyasanın yanında dünya üzerindeki 66 ülkeye ihraç etmekteyiz.

Günümüzün rekabet ortamında, başarının yolunun verimlilik, yüksek kalite, inovasyon ve Ar-Ge den geçtiğinin bilincindeyiz ve çalışmalarımızı bu doğrultuda yürütmekteyiz.

Pedaş'ın elde ettiği başarılara yaptıkları katkılar nedeniyle çalışanlarımız, tedarikçilerimiz, müşterilerimiz ve diğer tüm paydaşlarımıza içten teşekkürlerimi sunarım. Başarılarımızın üstüne daha iyilerini inşa etmeye, yatırım yapmaya ve müşterilerimize dürüstlük ve heyecanla hizmet vermeye devam edeceğiz.

Muharrem ÖZTÜRK
Chairman of the Board

CHAIRMAN'S MESSAGE

Honesty, work ethics, quality, our unconditional satisfaction of our employees, suppliers and customers have been effective in achieving this position of Pedaş, which we established from scratch 43 years ago.

The lighting industry is growing rapidly in Turkey and in the world. As Pedaş, we aim to continuously increase our share in this growing market and to guide the sector with innovative products and to gain new perspectives.

In our new modern factory, we produce by creating synergy with our qualified employees and our solution partners, and we export our products to 66 countries around the world besides the domestic market. In today's competitive environment, we are aware that the way to success passes through efficiency, high quality, innovation and R&D, and we carry out our work in this direction.

I would like to express my sincere thanks to our employees, suppliers, customers and all other stakeholders for their contribution to the success of Pedaş. We will continue to build on our success, invest and serve our customers with honesty and enthusiasm.

KALİTE / QUALITY

Pedaş LED Aydınlatma olarak, üretim ve hizmet kalitemizi kurumsal ilkelerimize bağlı kalarak koruyoruz. Bizim için üretmek demek ülke ekonomisine katkı sağlamak demektir. Ülkesine değer katan bir LED Aydınlatma markası olarak kurumsal ilkelerimizi ve kalite prensiplerimizi korumayı amaç edindik.

As Pedaş LED Lighting, we protect our production and service quality by adhering to our corporate principles. For us, producing means contributing to the country's economy. As a manufacturer of LED Lighting products, we aim to protect our corporate and quality principles.

KALİTE BELGELERİMİZ

TÜRK STANDARDLARI ENSTİTÜSÜ
TÜRK STANDARDLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

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CERTIFICATES

Certificate

BELLA BQC

PEDAŞ ELEKTRİK SANAYİ VE TİCARET A.Ş.

Merve Mah. Gazi Cad. No: 1 Sancaktepe / İstanbul

BELLA Certification certify that the Quality Management Systems of the above organization has been audited and found to be in accordance with the requirements of the management system standards detailed below Standard

ISO 9001:2015

Scope of Certification

INTERNAL AND EXTERNAL LUMINARIES HIGH PRESSURE LAMP BALLAST WITH MERCURY FUME FLUORESCENT LAMP BALLASTS

EA CODE: 19 & 29

Certificate No : 19-219-1118
Certification Cycle Start Date : 17.05.2019
Reissue Date : 28.04.2022-03
Certificate Expire Date : 16.05.2025

Validity Date of Current Certification Period: 28.04.2022 – 16.05.2023

Sertifika

BELLA BQC

PEDAŞ ELEKTRİK SANAYİ VE TİCARET A.Ş.

Merve Mah. Gazi Cad. No:1 Sancaktepe / İstanbul

BELLA yukarıda adı geçen kuruluşun Kalite Yönetim Sisteminin aşağıdaki kapsamda uygunluğunu değerlendirmiş olup onaylamaktadır.

ISO 9001:2015

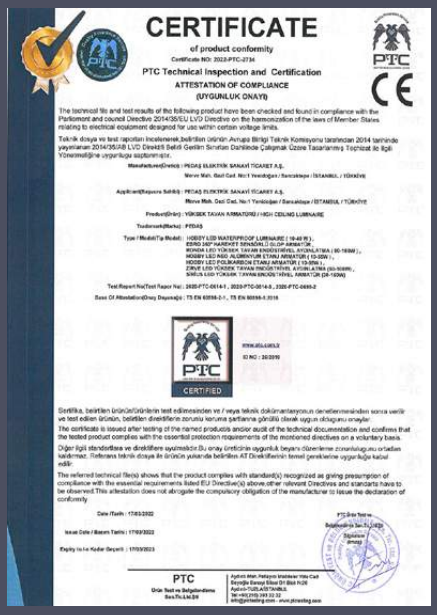
KAPSAM

İÇ VE DIŞ MEKAN AYDINLATMA ÜRÜNLERİ, LED ARMATÜRLERİ VE YÜKSEK BASINÇLI BALAST ÜRETİMİ VE SATIŞI

EA KODU: 19 & 29

Sertifika No : 19-219-1118
Sertifika İlk Yayın Tarihi : 17.05.2019
Yeniden Basım Tarihi : 28.04.2022-03
Sertifika Bitiş Tarihi : 16.05.2025

Bu belge 28.04.2022 – 16.05.2023 tarihleri arasında geçerlidir.


CERTIFICATE

of product conformity

Certificate NO: 2022-PTC-2734

PTC Technical Inspection and Certification

ATTESTATION OF COMPLIANCE

(UYGUNLUK ONAYI)

The technical file and test results of the following product have been checked and found in compliance with the Parliament and council Directive 2014/35/EU LVD Directive on the harmonization of the laws of Member States relating to electrical equipment designed for use within certain voltage limits.

Teknik dosya ve test raporları incelenerek,belirtilen ürünün Avrupa Birliği Teknik Komisyonu tarafından 2014 tarihinde yayınlanan 2014/35/AB LVD Direktifi Belirli Gerilim Sınırları Dahilinde Çalışmak Üzere Tasarlanmış Teçhizat ile İlgili Yönetmeliğine uygunluğu saptanmıştır.

Manufacturer(Üretici) : PEDAŞ ELEKTRİK SANAYİ TİCARET A.Ş.
Merve Mah. Gazi Cad. No:1 Yenidoğan / Sancaktepe / İSTANBUL / TÜRKİYE

Applicant(Başvuru Sahibi) : PEDAŞ ELEKTRİK SANAYİ TİCARET A.Ş.
Merve Mah. Gazi Cad. No:1 Yenidoğan / Sancaktepe / İSTANBUL / TÜRKİYE

Product(Ürün) : YÜKSEK TAVAN ARMATÜRÜ / HIGH CEILING LUMINAIRE

Trademark(Marka) : PEDAŞ

Type / Model(Tip Model): HOBBY LED WATERPROOF LUMINAIRE (18-48 W) ,
HOBBY LED HAREKET SENSÖRLÜ (18-48 W) ,
KONDA LED YÜKSEK TAVAN ENDÜSTRİYEL AYDINLATMA (90-160W) ,
HOBBY LED RGB ALÜMİNYUM ETANJ ARMATÜR (10-30W) ,
HOBBY LED POLİKARBON ETANJ ARMATÜR (10-30W) ,
ZİRVE LED YÜKSEK TAVAN ENDÜSTRİYEL AYDINLATMA (90-160W) ,
SİNİUS LED YÜKSEK TAVAN ENDÜSTRİYEL ARMATÜR (24-100W)

Test Report No(Test Rapor No): 2020-PTC-0614-1 , 2020-PTC-0614-3 , 2020-PTC-0695-2

Base Of Attestation(Onay Dayanağı) : TS EN 60598-2-1 , TS EN 60598-1:2016

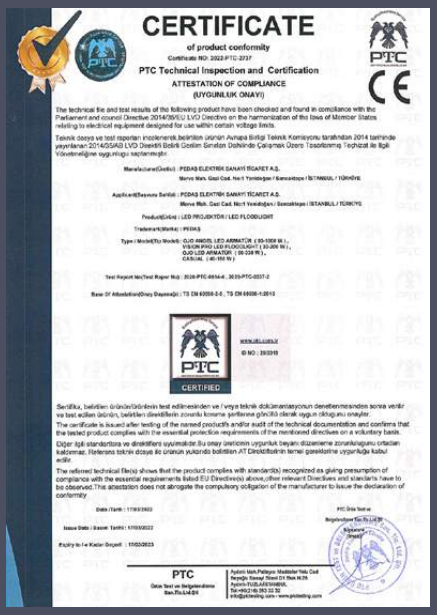
PTC CERTIFIED

www.ptc.com.tr
ID NO : 2020/19

Sertifika, belirtilen ürün/ürünlerin test edilmesinden ve / veya teknik dokümantasyonun denetlenmesinden sonra verilir ve test edilen ürünün, belirtilen direktiflerin zorunlu koruma şartlarına gönüllü olarak uygun olduğunu onaylar.
The certificate is issued after testing of the named products and/or audit of the technical documentation and confirms that the tested product complies with the essential protection requirements of the mentioned directives on a voluntary basis.
Diğer ilgili standartlara ve direktiflere uyulmadıkça Bu onay ürünün uygunluk beyanı düzenleme zorunluluğunu ortadan kaldırmaz. Referans teknik dosya ile ürünün yukarıda belirtilen AT Direktiflerinin temel gerekliliklerine uygunluğu kabul edilir.
The referred technical file(s) shows that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements listed EU Directive(s) above,other relevant Directives and standards have to be observed.This attestation does not abrogate the compulsory obligation of the manufacturer to issue the declaration of conformity

Date /Tarih : 17/03/2022
Issue Date / Basım Tarihi : 17/03/2022
Expiry to / e Kadar Geçerli : 17/03/2023

PTC Ürün Test ve Belgelendirme San.Tic.Ltd.Şti.


CERTIFICATE

of product conformity

Certificate NO: 2022-PTC-2737

PTC Technical Inspection and Certification

ATTESTATION OF COMPLIANCE

(UYGUNLUK ONAYI)

The technical file and test results of the following product have been checked and found in compliance with the Parliament and council Directive 2014/35/EU LVD Directive on the harmonization of the laws of Member States relating to electrical equipment designed for use within certain voltage limits.

Teknik dosya ve test raporları incelenerek,belirtilen ürünün Avrupa Birliği Teknik Komisyonu tarafından 2014 tarihinde yayınlanan 2014/35/AB LVD Direktifi Belirli Gerilim Sınırları Dahilinde Çalışmak Üzere Tasarlanmış Teçhizat ile İlgili Yönetmeliğine uygunluğu saptanmıştır.

Manufacturer(Üretici) : PEDAŞ ELEKTRİK SANAYİ TİCARET A.Ş.
Merve Mah. Gazi Cad. No:1 Yenidoğan / Sancaktepe / İSTANBUL / TÜRKİYE

Applicant(Başvuru Sahibi) : PEDAŞ ELEKTRİK SANAYİ TİCARET A.Ş.
Merve Mah. Gazi Cad. No:1 Yenidoğan / Sancaktepe / İSTANBUL / TÜRKİYE

Product(Ürün) : LED PROJEKTÖR / LED FLOODLIGHT

Trademark(Marka) : PEDAŞ

Type / Model(Tip Model): OJO ANGEL LED ARMATÜR (50-1000 W) ,
VISION PRO LED FLOODLIGHT (50-200 W) ,
OJO LED ARMATÜR (50-1200 W) ,
CASCAL (40-100 W)

Test Report No(Test Rapor No): 2020-PTC-0654-2 , 2020-PTC-0537-2

Base Of Attestation(Onay Dayanağı) : TS EN 60598-2-5 , TS EN 60598-1:2015

PTC CERTIFIED

www.ptc.com.tr
ID NO : 2020/19

Sertifika, belirtilen ürün/ürünlerin test edilmesinden ve / veya teknik dokümantasyonun denetlenmesinden sonra verilir ve test edilen ürünün, belirtilen direktiflerin zorunlu koruma şartlarına gönüllü olarak uygun olduğunu onaylar.
The certificate is issued after testing of the named products and/or audit of the technical documentation and confirms that the tested product complies with the essential protection requirements of the mentioned directives on a voluntary basis.
Diğer ilgili standartlara ve direktiflere uyulmadıkça Bu onay ürünün uygunluk beyanı düzenleme zorunluluğunu ortadan kaldırmaz. Referans teknik dosya ile ürünün yukarıda belirtilen AT Direktiflerinin temel gerekliliklerine uygunluğu kabul edilir.
The referred technical file(s) shows that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements listed EU Directive(s) above,other relevant Directives and standards have to be observed.This attestation does not abrogate the compulsory obligation of the manufacturer to issue the declaration of conformity

Date /Tarih : 17/03/2022
Issue Date / Basım Tarihi : 17/03/2022
Expiry to / e Kadar Geçerli : 17/03/2023

PTC Ürün Test ve Belgelendirme San.Tic.Ltd.Şti.

CERTIFICATE

of product conformity

Certificate NO: 2022-PTC-2736

PTC Technical Inspection and Certification

ATTESTATION OF COMPLIANCE

(UYGUNLUK ONAYI)

The technical file and test results of the following product have been checked and found in compliance with the Parliament and council Directive 2014/35/EU LVD Directive on the harmonization of the laws of Member States relating to electrical equipment designed for use within certain voltage limits.

Teknik dosya ve test raporları incelenerek,belirtilen ürünün Avrupa Birliği Teknik Komisyonu tarafından 2014 tarihinde yayınlanan 2014/35/AB LVD Direktifi Belirli Gerilim Sınırları Dahilinde Çalışmak Üzere Tasarlanmış Teçhizat ile İlgili Yönetmeliğine uygunluğu saptanmıştır.

Manufacturer(Üretici) : PEDAŞ ELEKTRİK SANAYİ TİCARET A.Ş.
Merve Mah. Gazi Cad. No:1 Yenidoğan / Sancaktepe / İSTANBUL / TÜRKİYE

Applicant(Başvuru Sahibi) : PEDAŞ ELEKTRİK SANAYİ TİCARET A.Ş.
Merve Mah. Gazi Cad. No:1 Yenidoğan / Sancaktepe / İSTANBUL / TÜRKİYE

Product(Ürün) : DÖNME ARMATÜR / RECESSED LUMINAIRE

Trademark(Marka) : PEDAŞ

Type / Model(Tip Model): STARK LED SIVA ALTI SPOT DÖNEBİLİR DÖNME ARMATÜR (5-30 W) ,
STARK LED SIVA ALTI SPOT DÖNEBİLİR ARMATÜR (5-30 W) ,
CELLE ENCAPSULATED SIVA ALTI LED AYDINLATMA ARMATÜR (20-30 W) ,
CELLE SLIM SIVA ALTI LED AYDINLATMA ARMATÜR (30-60 W) ,
SETTE SIVA ALTI LED AYDINLATMA ARMATÜR (10-30 W) ,
ESTTE - FAVORİ CLIP-IN TAVAN ARMATÜR (10-50 W) ,
ELEGANCE SIVA ALTI LED AYDINLATMA ARMATÜR (10-60 W) ,
ETNA DOWNLIGHT DÖNME ARMATÜR (3-24 W) ,
SETTE FAVORİ SIVA ALTI DÖNME ARMATÜR (5-24 W) ,
SETTE FAVORİ SİYAH ARMATÜR (10-50W)

Test Report No(Test Rapor No): 2020-PTC-0614-3 , 2020-PTC-0537-1 , 2020-PTC-0556-2

Base Of Attestation(Onay Dayanağı) : TS EN 60598-2-2 , TS EN 60598-1:2015

PTC CERTIFIED

www.ptc.com.tr
ID NO : 2020/19

Sertifika, belirtilen ürün/ürünlerin test edilmesinden ve / veya teknik dokümantasyonun denetlenmesinden sonra verilir ve test edilen ürünün, belirtilen direktiflerin zorunlu koruma şartlarına gönüllü olarak uygun olduğunu onaylar.
The certificate is issued after testing of the named products and/or audit of the technical documentation and confirms that the tested product complies with the essential protection requirements of the mentioned directives on a voluntary basis.
Diğer ilgili standartlara ve direktiflere uyulmadıkça Bu onay ürünün uygunluk beyanı düzenleme zorunluluğunu ortadan kaldırmaz. Referans teknik dosya ile ürünün yukarıda belirtilen AT Direktiflerinin temel gerekliliklerine uygunluğu kabul edilir.
The referred technical file(s) shows that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements listed EU Directive(s) above,other relevant Directives and standards have to be observed.This attestation does not abrogate the compulsory obligation of the manufacturer to issue the declaration of conformity

Date /Tarih : 17/03/2022
Issue Date / Basım Tarihi : 17/03/2022
Expiry to / e Kadar Geçerli : 17/03/2023

PTC Ürün Test ve Belgelendirme San.Tic.Ltd.Şti.

CERTIFICATE

of product conformity

Certificate NO: 2022-PTC-2735

PTC Technical Inspection and Certification

ATTESTATION OF COMPLIANCE

(UYGUNLUK ONAYI)

The technical file and test results of the following product have been checked and found in compliance with the Parliament and council Directive 2014/35/EU LVD Directive on the harmonization of the laws of Member States relating to electrical equipment designed for use within certain voltage limits.

Teknik dosya ve test raporları incelenerek,belirtilen ürünün Avrupa Birliği Teknik Komisyonu tarafından 2014 tarihinde yayınlanan 2014/35/AB LVD Direktifi Belirli Gerilim Sınırları Dahilinde Çalışmak Üzere Tasarlanmış Teçhizat ile İlgili Yönetmeliğine uygunluğu saptanmıştır.

Manufacturer(Üretici) : PEDAŞ ELEKTRİK SANAYİ TİCARET A.Ş.
Merve Mah. Gazi Cad. No:1 Yenidoğan / Sancaktepe / İSTANBUL / TÜRKİYE

Applicant(Başvuru Sahibi) : PEDAŞ ELEKTRİK SANAYİ TİCARET A.Ş.
Merve Mah. Gazi Cad. No:1 Yenidoğan / Sancaktepe / İSTANBUL / TÜRKİYE

Product(Ürün) : YOL VE CADDE ARMATÜRÜ / ROAD AND STREET LUMINAIRE

Trademark(Marka) : PEDAŞ

Type / Model(Tip Model): RİTİM LED YOL VE CADDE ARMATÜRÜ (40-80 W) ,
IRIS PLUS STREET & ROAD LUMINAIRE (100-200 W) ,
TRONDY POLİMER GÖVDE SEKLİSİT YOL/CADDE ARMATÜR (100-400 W) ,
QUADRO PRO STREET AND ROAD LUMINAIRE (50-150 W) ,
IRIS YOL VE CADDE ARMATÜRÜ (80-150 W) ,
ROUGH YOL VE CADDE ARMATÜRÜ (50-250 W)

Test Report No(Test Rapor No): 2020-PTC-0654-3 , 2020-PTC-0537-4 , 2020-PTC-0556-3

Base Of Attestation(Onay Dayanağı) : TS EN 60598-2-3 , TS EN 60598-1:2015

PTC CERTIFIED

www.ptc.com.tr
ID NO : 2020/19

Sertifika, belirtilen ürün/ürünlerin test edilmesinden ve / veya teknik dokümantasyonun denetlenmesinden sonra verilir ve test edilen ürünün, belirtilen direktiflerin zorunlu koruma şartlarına gönüllü olarak uygun olduğunu onaylar.
The certificate is issued after testing of the named products and/or audit of the technical documentation and confirms that the tested product complies with the essential protection requirements of the mentioned directives on a voluntary basis.
Diğer ilgili standartlara ve direktiflere uyulmadıkça Bu onay ürünün uygunluk beyanı düzenleme zorunluluğunu ortadan kaldırmaz. Referans teknik dosya ile ürünün yukarıda belirtilen AT Direktiflerinin temel gerekliliklerine uygunluğu kabul edilir.
The referred technical file(s) shows that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements listed EU Directive(s) above,other relevant Directives and standards have to be observed.This attestation does not abrogate the compulsory obligation of the manufacturer to issue the declaration of conformity

Date /Tarih : 17/03/2022
Issue Date / Basım Tarihi : 17/03/2022
Expiry to / e Kadar Geçerli : 17/03/2023

PTC Ürün Test ve Belgelendirme San.Tic.Ltd.Şti.

EINCERT

CERTIFICATE

This certificate /Bu sertifika

PEDAŞ ELEKTRİK
SANAYİ VE TİCARET ANONİM ŞİRKETİ

MERVE MAH. NECİP FAZIL CAD. NO:6 SANCAKTEPE-İSTANBUL

The above-mentioned company, accord to the ISO 14001 standart and the company's request for the following scope given by EINCERT international certification and test service / Yukarıda adı geçen firmaya, ISO 14001 standardına göre ve firmanın istediği üzerine aşağıdaki kapsam için EINCERT uluslar arası sertifikasyon ve test hizmetleri tarafından verilmiştir.

ISO 14001

Quality Management System

Scope of Certification/Belgelendirme kapsamı:
Avize, Aplik ve diğer elektrikli aydınlatma armatürleri, sahne, fotoğraf veya sinema stüdyoları için projektörler ve spot ışıkları, elektrikli masa lambaları, çalışma lambaları, ahşap vb. lambaların imalatı (Süsleme için opsiyonlarına setleri dahil)
**Chandelier, wall lamp and other electrical lighting armatures; projectors and spot lights for the stage, photo or cinema studios; electrical table lamps, working lamps, lamp-shade, etc. manufacturing (including lighting sets for decoration)

EIN CERT

Certificate No/Belge No: 104339
Date of Issue/Veriliş Tarihi : 06.08.2021
Expiration date/Geçerlilik tarihi : 06.08.2022

EINCERT

CERTIFICATE

This certificate /Bu sertifika

PEDAŞ ELEKTRİK
SANAYİ VE TİCARET ANONİM ŞİRKETİ

MERVE MAH. NECİP FAZIL CAD. NO:6 SANCAKTEPE-İSTANBUL

The above-mentioned company, accord to the ISO 27001 standart and the company's request for the following scope given by EINCERT international certification and test service / Yukarıda adı geçen firmaya, ISO 27001 standardına göre ve firmanın istediği üzerine aşağıdaki kapsam için EINCERT uluslar arası sertifikasyon ve test hizmetleri tarafından verilmiştir.

ISO 27001

Quality Management System

Scope of Certification/Belgelendirme kapsamı:
Avize, Aplik ve diğer elektrikli aydınlatma armatürleri, sahne, fotoğraf veya sinema stüdyoları için projektörler ve spot ışıkları, elektrikli masa lambaları, çalışma lambaları, ahşap vb. lambaların imalatı (Süsleme için opsiyonlarına setleri dahil)
**Chandelier, wall lamp and other electrical lighting armatures; projectors and spot lights for the stage, photo or cinema studios; electrical table lamps, working lamps, lamp-shade, etc. manufacturing (including lighting sets for decoration)

EIN CERT

Certificate No/Belge No: 104341
Date of Issue/Veriliş Tarihi : 06.08.2021
Expiration date/Geçerlilik tarihi : 06.08.2022

EINCERT

CERTIFICATE

This certificate /Bu sertifika

PEDAŞ ELEKTRİK
SANAYİ VE TİCARET ANONİM ŞİRKETİ

MERVE MAH. NECİP FAZIL CAD. NO:6 SANCAKTEPE-İSTANBUL

The above-mentioned company, accord to the ISO 45001 standart and the company's request for the following scope given by EINCERT international certification and test service / Yukarıda adı geçen firmaya, ISO 45001 standardına göre ve firmanın istediği üzerine aşağıdaki kapsam için EINCERT uluslar arası sertifikasyon ve test hizmetleri tarafından verilmiştir.

ISO 45001

Quality Management System

Scope of Certification/Belgelendirme kapsamı:
Avize, Aplik ve diğer elektrikli aydınlatma armatürleri, sahne, fotoğraf veya sinema stüdyoları için projektörler ve spot ışıkları, elektrikli masa lambaları, çalışma lambaları, ahşap vb. lambaların imalatı (Süsleme için opsiyonlarına setleri dahil)
**Chandelier, wall lamp and other electrical lighting armatures; projectors and spot lights for the stage, photo or cinema studios; electrical table lamps, working lamps, lamp-shade, etc. manufacturing (including lighting sets for decoration)

EIN CERT

Certificate No/Belge No: 104340
Date of Issue/Veriliş Tarihi : 06.08.2021
Expiration date/Geçerlilik tarihi : 06.08.2022

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- Bosnia
- Bulgaria
- Burkina Faso
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İç Mekan Aydınlatma / Indoor Lighting

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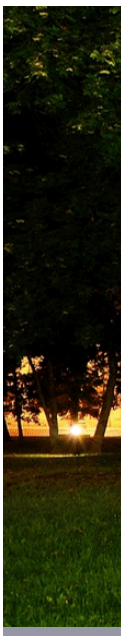

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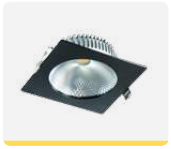

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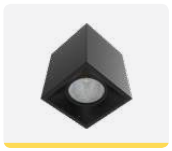

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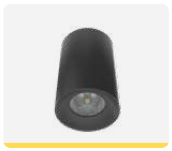

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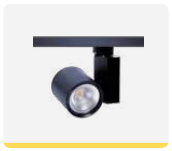

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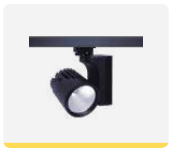

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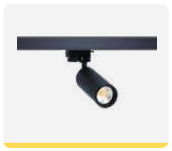

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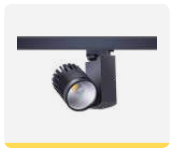

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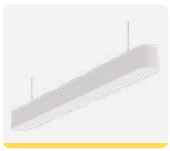
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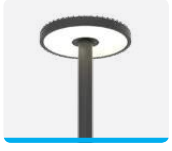

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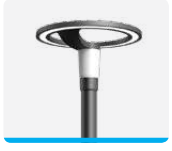

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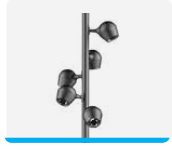

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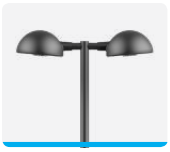

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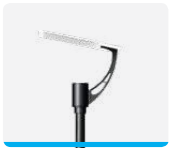

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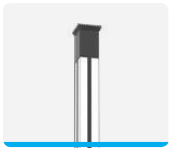

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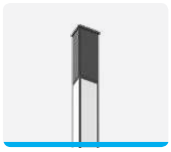

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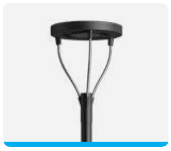

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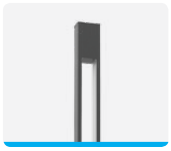

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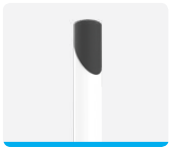

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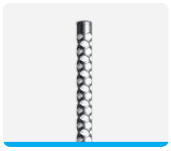

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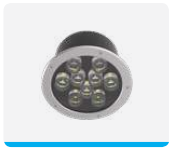

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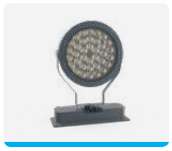

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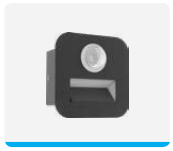

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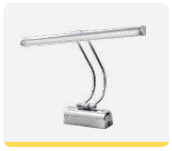

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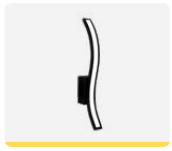

250

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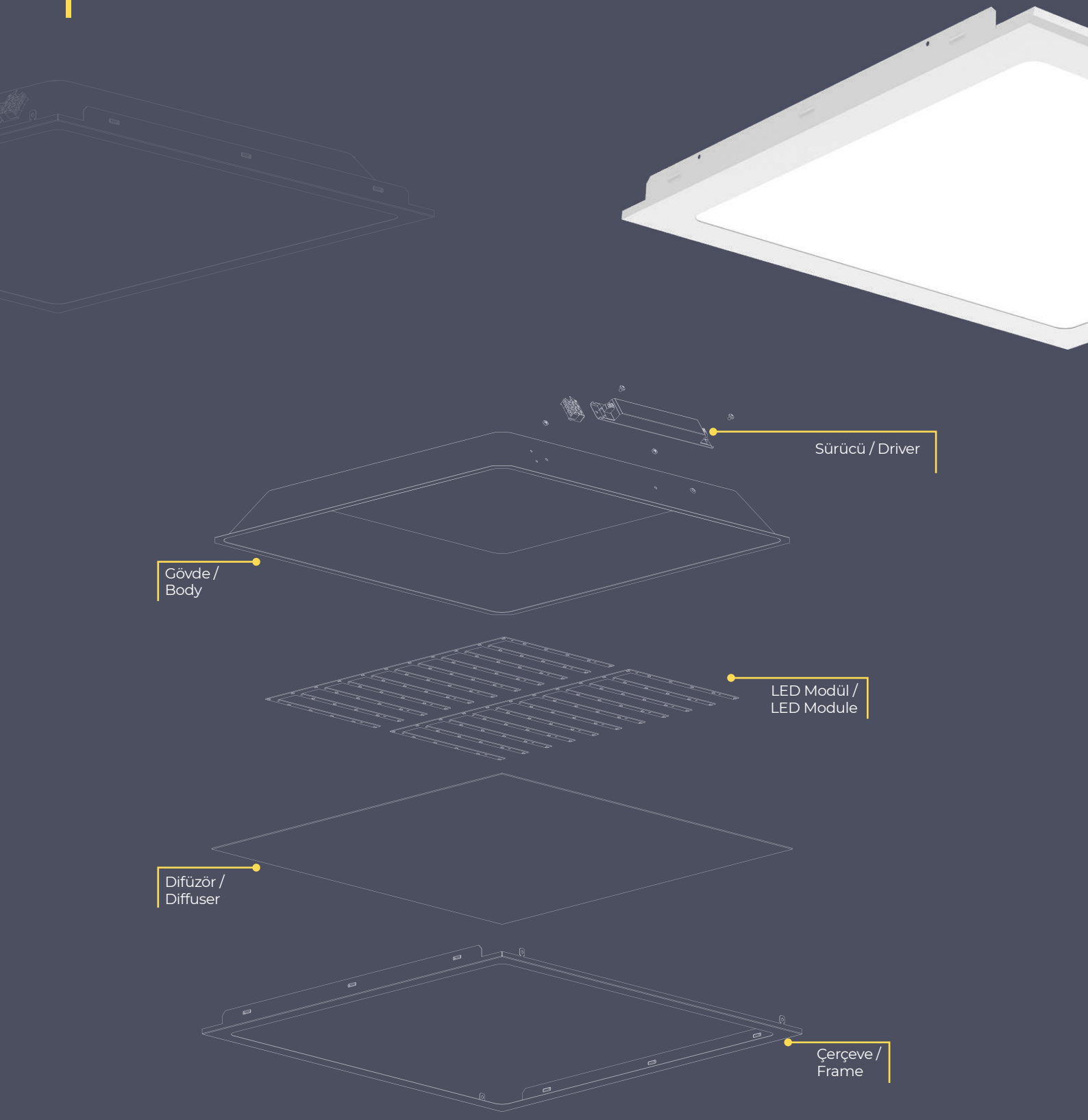
LED Aydınlatma Teknolojileri

Sıva Altı & Sıva Üstü LED Panel Aydınlatma Armatürleri

Recessed & Surface Mounted LED Panel Lighting Luminaires



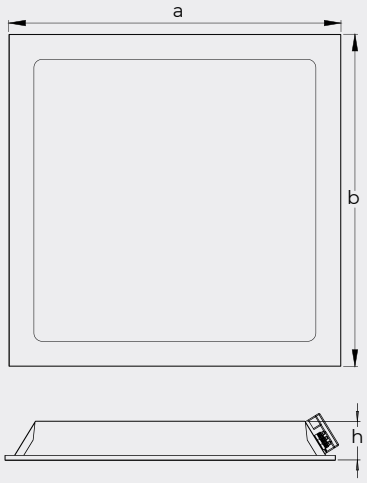
31 • Estee-Favor
32 • Estee-Favor Clip-In
33 • Estee-Favor Alçıpan / Drywall
34 • Estee-Favor Concept
35 • Estee-Favor Concept Clip-In
36 • Estee-Favor Concept Alçıpan / Drywall
37 • Colle Slim Backlight
38 • Colle Slim Backlight Clip-In
39 • Colle Slim Backlight Alçıpan / Drywall
40 • Wega
41 • Wega Clip-In
42 • Wega Alçıpan / Drywall
43 • Elegance Endirekt
44 • Elegance Endirekt Clip-In
45 • Elegance Endirekt Alçıpan / Drywall
46 • Elegance Direkt-Endirekt
47 • Elegance Direkt-Endirekt Clip-In
48 • Elegance Direkt-Endirekt Alçıpan / Drywall
49 • Inca
50 • Inca Clip-In
51 • Inca Alçıpan / Drywall
53 • Up Estee-Favor
54 • Up Estee-Favor Concept
55 • Up Colle Slim Backlight
56 • Up Wega
57 • Up Elegance Endirekt
58 • Up Elegance Direkt-Endirekt
59 • Up Inca

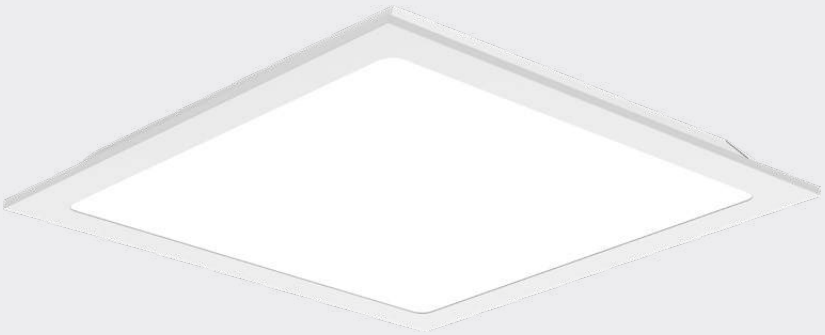
Estee-Favor

Sıva Altı LED Panel Aydınlatma Armatürleri

Recessed Mounted LED Panel Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

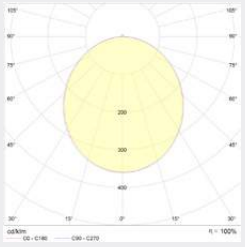
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

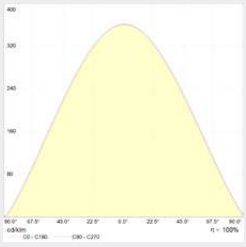
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

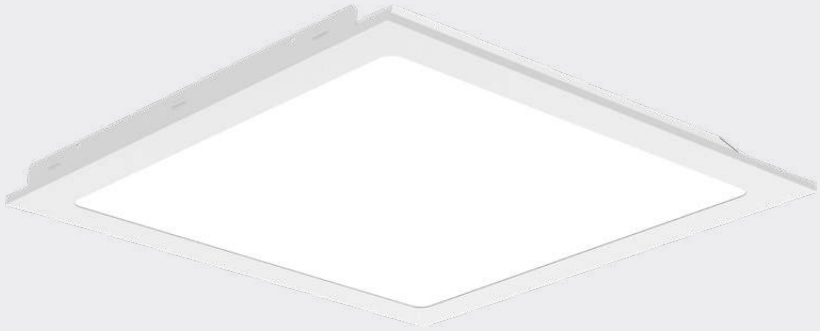
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1101-112-00	15	1497	100	2700-6500K	1	4,2	0,033201	4	>0,95	295	295	55	620	315	170
1101-222-00	23	2345	102	2700-6500K	1,8	4	0,032147	2	>0,95	295	595	65	620	315	170
1101-342-00	40	4105	103	2700-6500K	3,2	6,7	0,06403	2	>0,95	295	1195	65	310	1215	170
1101-362-00	45	4709	105	2700-6500K	3,2	6,7	0,06403	2	>0,95	295	1195	65	310	1215	170
1101-432-00	34	4054	119	2700-6500K	3,2	13	0,121086	4	>0,95	595	595	65	610	625	310
1101-442-00	40	4402	110	2700-6500K	3,2	13	0,121086	4	>0,95	595	595	65	610	625	310
1101-452-00	44	4968	113	2700-6500K	3,2	13	0,121086	4	>0,95	595	595	65	610	625	310
1101-572-00	63	7772	123	2700-6500K	5,8	12	0,125995	2	>0,95	595	1195	65	620	1215	170
1101-582-00	80	9384	117	2700-6500K	5,8	12	0,125995	2	>0,95	595	1195	65	620	1215	170

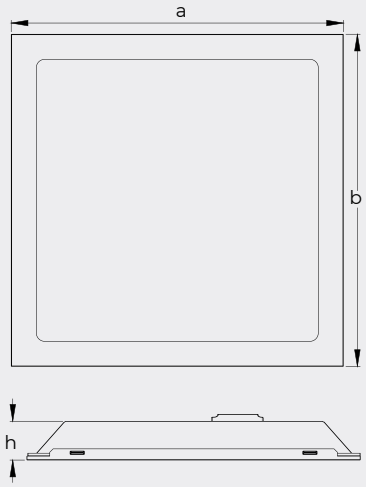
Estee-Favor Clip-In

Sıva Altı Clip-In LED Panel Aydınlatma Armatürleri

Recessed Mounted Clip-In LED Panel Lighting Luminaires

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | TSE | CE | CRI 90 | CRI 80 | IK 02 | IP 40 | 230V 50Hz | LED





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

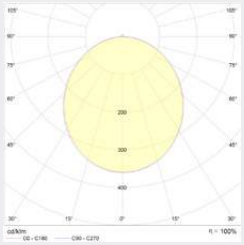
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

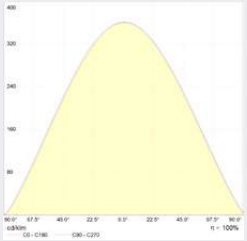
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

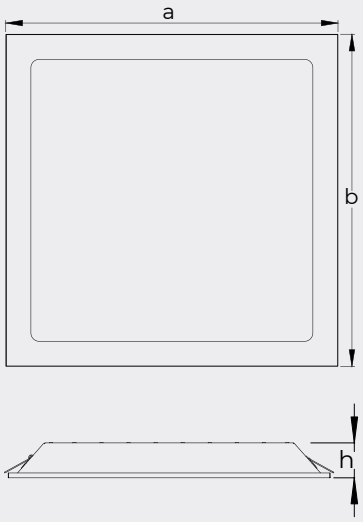
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1102-112-00	15	1497	100	2700-6500K	1	4,2	0,033201	4	>0,95	300	300	55	620	315	170
1102-222-00	23	2345	102	2700-6500K	1,8	4	0,032147	2	>0,95	300	600	65	620	315	170
1102-342-00	40	4105	103	2700-6500K	3,2	6,7	0,064030	2	>0,95	300	1200	65	310	1215	170
1102-362-00	45	4709	105	2700-6500K	3,2	6,7	0,064030	2	>0,95	300	1200	65	310	1215	170
1102-432-00	34	4054	119	2700-6500K	3,2	13	0,121086	4	>0,95	600	600	65	610	625	310
1102-442-00	40	4402	110	2700-6500K	3,2	13	0,121086	4	>0,95	600	600	65	610	625	310
1102-452-00	44	4968	113	2700-6500K	3,2	13	0,121086	4	>0,95	600	600	65	610	625	310
1102-572-00	63	7772	123	2700-6500K	5,8	12	0,1259955	2	>0,95	600	1200	65	620	1215	170
1102-582-00	80	9384	117	2700-6500K	5,8	12	0,1259955	2	>0,95	600	1200	65	620	1215	170

Estee-Favor Alçıpan / Drywall

Sıva Altı Alçıpan Tavan LED Aydınlatma Armatürleri

Recessed Mounted Drywall LED Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG |

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

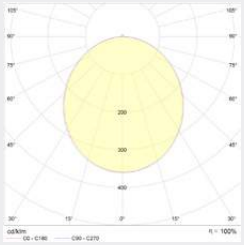
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

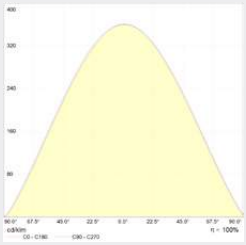
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS |

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

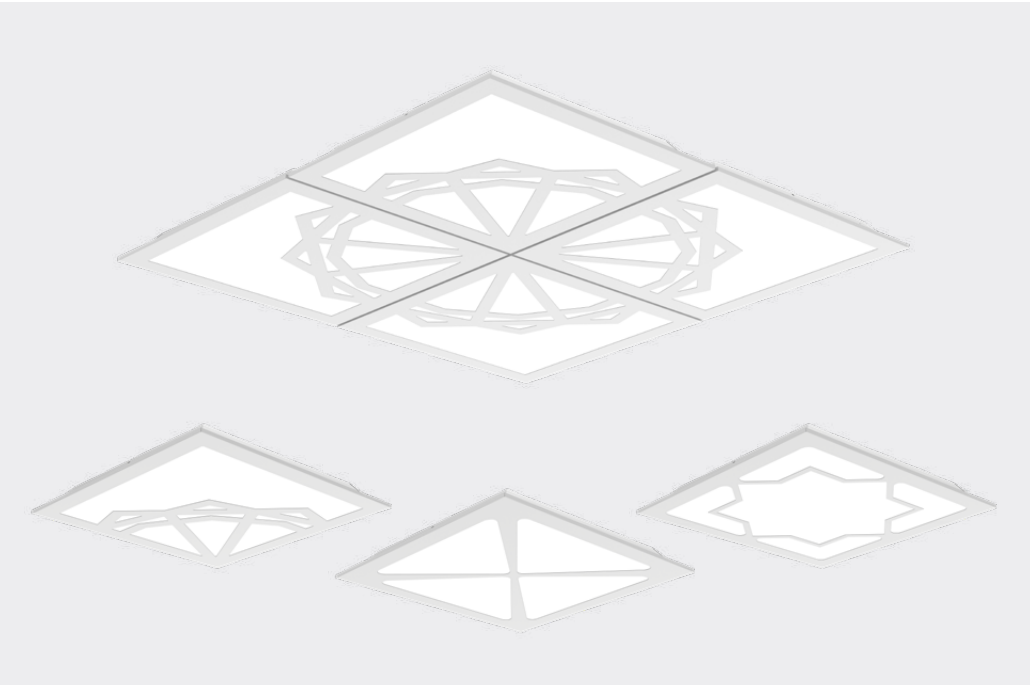
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
1103-112-00	15	1497	100	2700-6500K	1	4,2	0,033201	4	>0,95	275x275	295	295	55	620	315	170
1103-222-00	23	2345	102	2700-6500K	1,8	4	0,032147	2	>0,95	275x575	295	595	65	620	315	170
1103-342-00	40	4105	103	2700-6500K	3,2	6,7	0,06403	2	>0,95	275x1175	295	1195	65	310	1215	170
1103-362-00	45	4709	105	2700-6500K	3,2	6,7	0,06403	2	>0,95	275x1175	295	1195	65	310	1215	170
1103-432-00	34	4054	119	2700-6500K	3,2	13	0,121086	4	>0,95	575x575	595	595	65	610	625	310
1103-442-00	40	4402	110	2700-6500K	3,2	13	0,121086	4	>0,95	575x575	595	595	65	610	625	310
1103-452-00	44	4968	113	2700-6500K	3,2	13	0,121086	4	>0,95	575x575	595	595	65	610	625	310
1103-572-00	63	7772	123	2700-6500K	5,8	12	0,125995	2	>0,95	575x1175	595	1195	65	620	1215	170
1103-582-00	80	9384	117	2700-6500K	5,8	12	0,125995	2	>0,95	575x1175	595	1195	65	620	1215	170

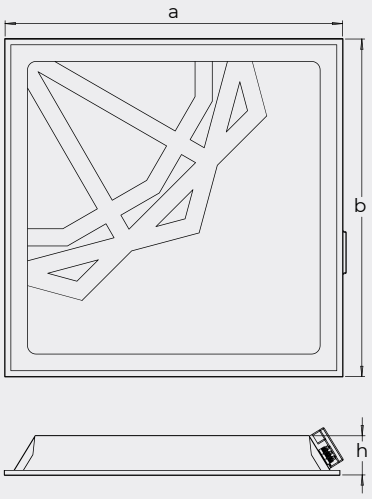
Estee-Favor Concept

Sıva Altı LED Panel Aydınlatma Armatürleri

Recessed Mounted LED Panel Lighting Luminaires

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

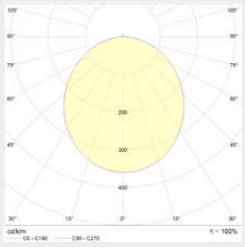
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

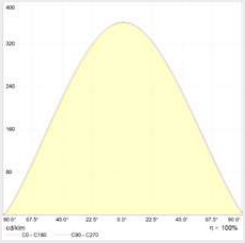
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

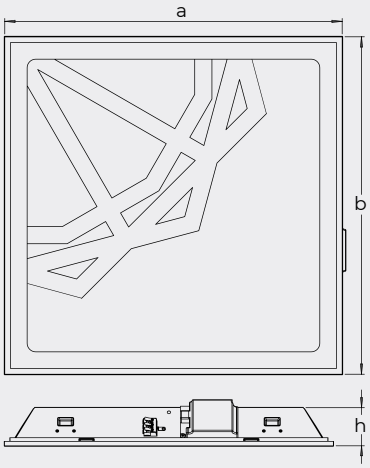
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1104-112-00	15	1497	100	2700-6500K	1,2	4,8	0,033201	4	>0,95	295	295	55	620	315	170
1104-222-00	23	2345	102	2700-6500K	1,9	4,2	0,032147	2	>0,95	295	595	65	620	315	170
1104-342-00	40	4105	103	2700-6500K	3,3	6,9	0,064030	2	>0,95	295	1195	65	310	1215	170
1104-362-00	45	4709	105	2700-6500K	3,3	6,9	0,064030	2	>0,95	295	1195	65	310	1215	170
1104-432-00	34	4054	119	2700-6500K	3,3	13,4	0,121086	4	>0,95	595	595	65	610	625	310
1104-442-00	40	4402	110	2700-6500K	3,3	13,4	0,121086	4	>0,95	595	595	65	610	625	310
1104-452-00	44	4968	113	2700-6500K	3,3	13,4	0,121086	4	>0,95	595	595	65	610	625	310
1104-572-00	63	7772	123	2700-6500K	5,9	12,2	0,1259955	2	>0,95	595	1195	65	620	1215	170
1104-582-00	80	9384	117	2700-6500K	5,9	12,2	0,1259955	2	>0,95	595	1195	65	620	1215	170

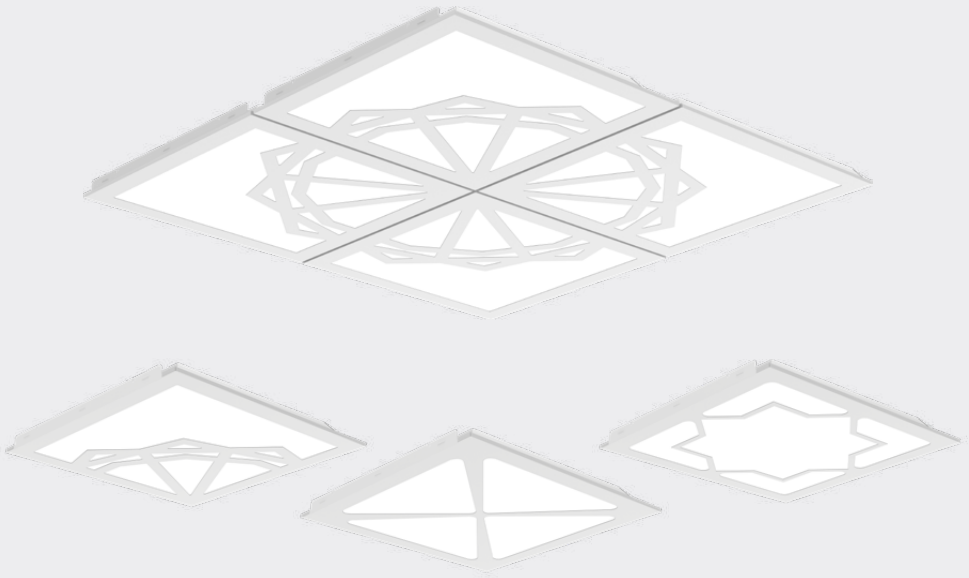
Estee-Favor Concept Clip-in

Sıva Altı Clip-In LED Panel Aydınlatma Armatürleri

Recessed Mounted Clip-In LED Panel Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

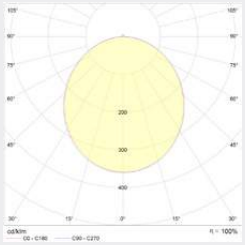
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

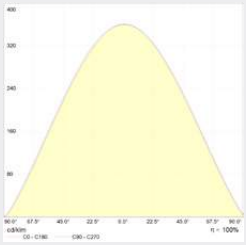
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

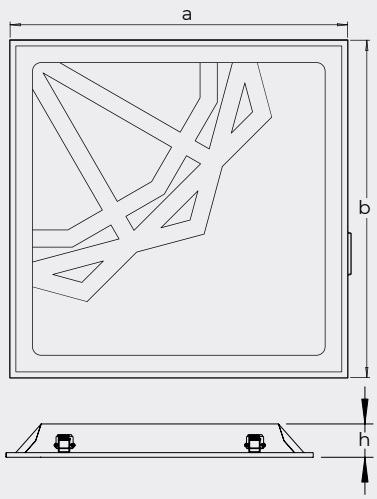
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1105-112-00	15	1497	100	2700-6500K	1,2	4,8	0,033201	4	>0,95	300	300	55	620	315	170
1105-222-00	23	2345	102	2700-6500K	1,9	4,2	0,032147	2	>0,95	300	600	65	620	315	170
1105-342-00	40	4105	103	2700-6500K	3,3	6,9	0,064030	2	>0,95	300	1200	65	310	1215	170
1105-362-00	45	4709	105	2700-6500K	3,3	6,9	0,064030	2	>0,95	300	1200	65	310	1215	170
1105-432-00	34	4054	119	2700-6500K	3,3	13,4	0,121086	4	>0,95	600	600	65	610	625	310
1105-442-00	40	4402	110	2700-6500K	3,3	13,4	0,121086	4	>0,95	600	600	65	610	625	310
1105-452-00	44	4968	113	2700-6500K	3,3	13,4	0,121086	4	>0,95	600	600	65	610	625	310
1105-572-00	63	7772	123	2700-6500K	5,9	12,2	0,1259955	2	>0,95	600	1200	65	620	1215	170
1105-582-00	80	9384	117	2700-6500K	5,9	12,2	0,1259955	2	>0,95	600	1200	65	620	1215	170

Estee-Favor Concept Alçıpan / Drywall

Sıva Altı Alçıpan Tavan LED Aydınlatma Armatürleri

Recessed Mounted Drywall LED Lighting Luminaires

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | TSE | CE | CRI 90 | CRI 80 | IK 02 | IP 40 | 230 V 50 Hz | LED



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

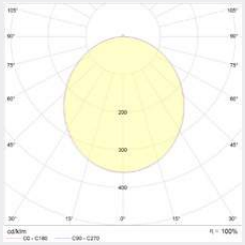
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

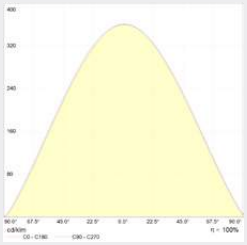
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

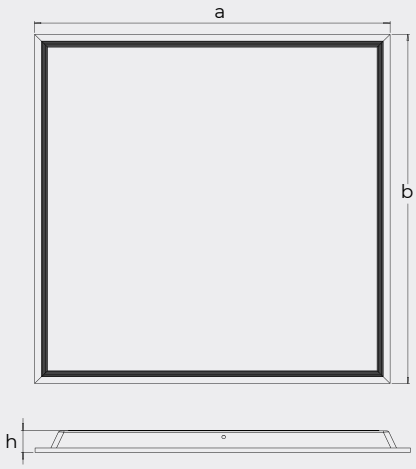
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
1106-112-00	15	1497	100	2700-6500K	1,2	4,2	0,033201	4	>0,95	275x275	295	295	55	620	315	170
1106-222-00	23	2345	102	2700-6500K	1,9	4	0,032147	2	>0,95	275x575	295	595	65	620	315	170
1106-342-00	40	4105	103	2700-6500K	3,3	6,7	0,06403	2	>0,95	275x1175	295	1195	65	310	1215	170
1106-362-00	45	4709	105	2700-6500K	3,3	6,7	0,06403	2	>0,95	275x1175	295	1195	65	310	1215	170
1106-432-00	34	4054	119	2700-6500K	3,3	13	0,121086	4	>0,95	575x575	595	595	65	610	625	310
1106-442-00	40	4402	110	2700-6500K	3,3	13	0,121086	4	>0,95	575x575	595	595	65	610	625	310
1106-452-00	44	4968	113	2700-6500K	3,3	13	0,121086	4	>0,95	575x575	595	595	65	610	625	310
1106-572-00	63	7772	123	2700-6500K	5,9	12	0,125995	2	>0,95	575x1175	595	1195	65	620	1215	170
1106-582-00	80	9384	117	2700-6500K	5,9	12	0,125995	2	>0,95	575x1175	595	1195	65	620	1215	170

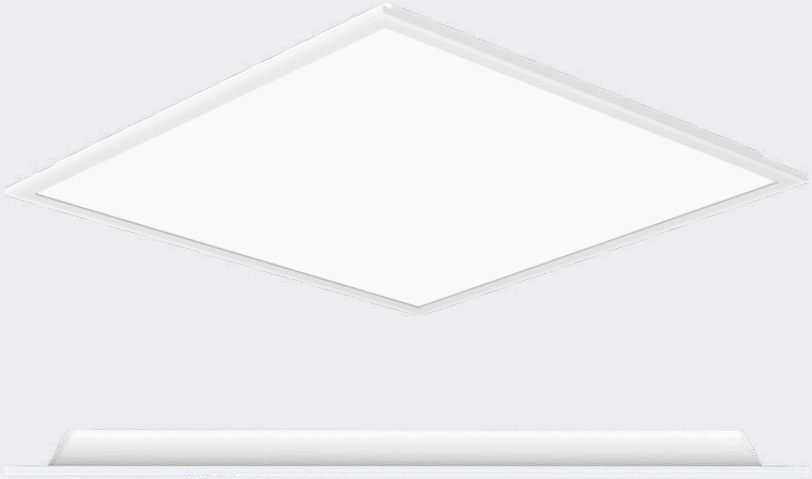
Colle Slim Backlight

Sıva Altı LED Panel Aydınlatma Armatürleri

Recessed Mounted LED Panel Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





Armatür Özellikleri

Specifications of Luminaire

Gövde : DKP Sac Gövde
Body DKP Sheet Body

Boya : Elektrostatik Toz Boya
Paint Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours Life
Mid Power LED

Marka : OSRAM | SAMSUNG |
Brand

Optik : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
Optic High Efficient
UGR: <19 Opal Diffuser

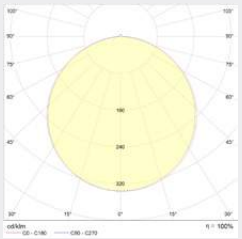
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü: Yüksek Verimli ENEC Sertifikalı
Driver High Efficient ENEC Certified

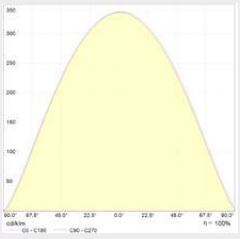
Marka : OSRAM | TRIDONIC | PHILIPS
Brand PEDAS |

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

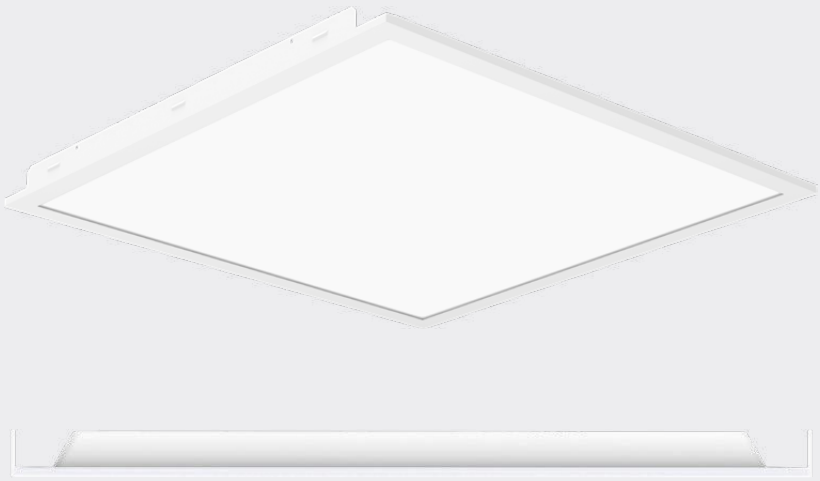
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1107-113-00	18	1440	80	2700-6500K	0,5	22,5	0,164	40	>0,95	295	295	30	650	650	390
1107-223-00	30	2400	80	2700-6500K	1	21	0,164	20	>0,95	295	595	30	650	650	390
1107-343-00	45	3600	80	2700-6500K	2	17	0,316	8	>0,95	295	1195	30	650	1250	160
1107-433-00	40	3772	94	2700-6500K	1,7	18	0,164	10	>0,95	595	595	30	650	650	390
1107-453-00	48	4320	90	2700-6500K	1,7	18	0,164	10	>0,95	595	595	30	650	650	390
1107-563-00	90	7200	80	2700-6500K	3	13	0,316	4	>0,95	595	1195	30	650	1250	160

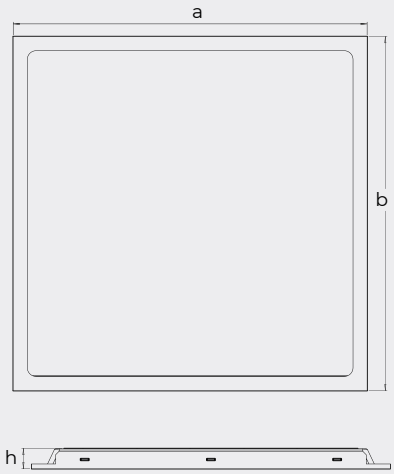
Colle Slim Backlight Clip-In

Sıva Altı Clip-In LED Panel Aydınlatma Armatürleri

Recessed Mounted Clip-In LED Panel Lighting Luminaires

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

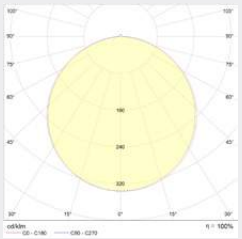
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

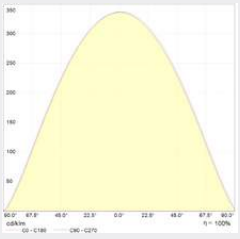
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

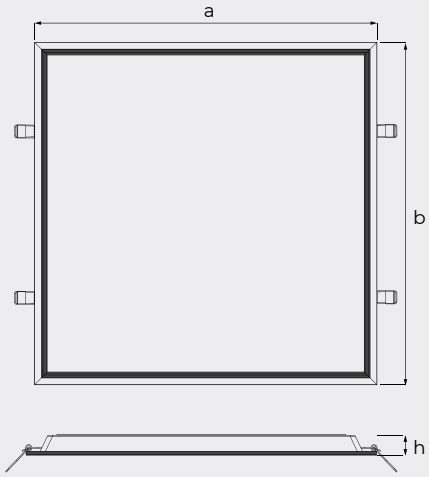
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1108-113-00	18	1440	80	2700-6500K	0,6	25	0,164	40	>0,95	300	300	30	650	650	390
1108-223-00	30	2400	80	2700-6500K	1,1	23	0,164	20	>0,95	300	600	30	650	650	390
1108-343-00	45	3600	80	2700-6500K	2,2	18,6	0,316	8	>0,95	300	1200	30	650	1250	160
1108-433-00	40	3772	94	2700-6500K	1,9	20	0,164	10	>0,95	600	600	30	650	650	390
1108-453-00	48	4320	90	2700-6500K	1,9	20	0,164	10	>0,95	600	600	30	650	650	390
1108-563-00	90	7200	80	2700-6500K	3,5	15	0,316	4	>0,95	600	1200	30	650	1250	160

Colle Slim Backlight Alçıpan / Drywall

Sıva Altı Alçıpan Tavan LED Aydınlatma Armatürleri

Recessed Mounted Drywall LED Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

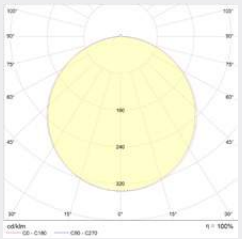
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

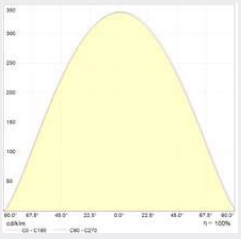
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

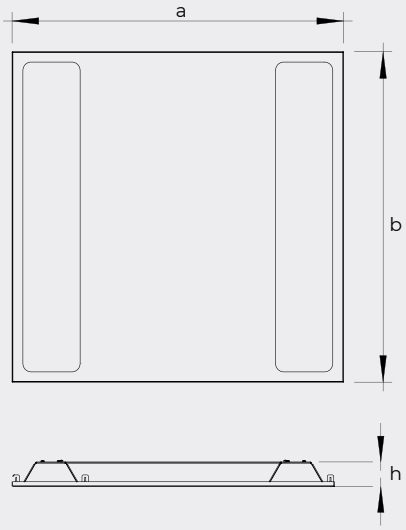
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
1109-113-00	18	1440	80	2700-6500K	0,6	25	0,164	40	>0,95	275x275	295	295	30	650	650	390
1109-223-00	30	2400	80	2700-6500K	1,1	23	0,164	20	>0,95	275x575	295	595	30	650	650	390
1109-343-00	45	3600	80	2700-6500K	2,2	18,6	0,316	8	>0,95	275x1175	295	1195	30	650	1250	160
1109-433-00	40	3772	94	2700-6500K	1,9	20	0,164	10	>0,95	575x575	595	595	30	650	650	390
1109-453-00	48	4320	90	2700-6500K	1,9	20	0,164	10	>0,95	575x575	595	595	30	650	650	390
1109-563-00	90	7200	80	2700-6500K	3,5	15	0,316	4	>0,95	575x1175	595	1195	30	650	1250	160

Wega

Sıva Altı LED Panel Aydınlatma Armatürleri

Recessed Mounted LED Panel Lighting Luminaires

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

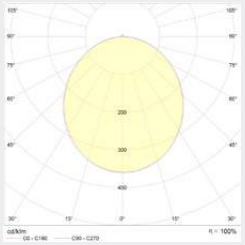
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

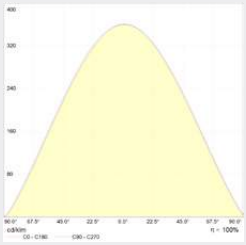
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1110-113-00	9	1008	112	2700-6500K	0,55	2,4	0,0102	4	>0,95	295	295	45	315	615	100
1110-223-00	18	2052	114	2700-6500K	1,65	3,5	0,0198	2	>0,95	295	595	45	315	615	100
1110-333-00	37	4255	115	2700-6500K	3	6,3	0,0390	2	>0,95	295	1195	45	315	1215	100
1110-433-00	37	4181	113	2700-6500K	3	12,4	0,0384	2	>0,95	595	595	45	615	655	100
1110-543-00	52	5772	111	2700-6500K	5	11,3	0,0756	2	>0,95	595	1195	45	615	1215	100

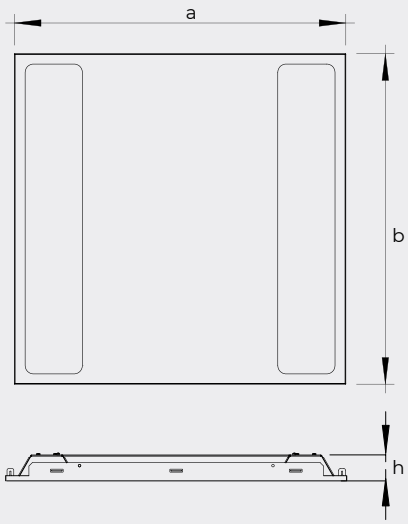
Wega Clip-In

Sıva Altı Clip-In LED Panel Aydınlatma Armatürleri

Recessed Mounted Clip-In LED Panel Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | CE

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | Bluetooth | DALI | Sensör | PHASE CUT DIMMABLE | 1-3 Saat

Hastane | Otel | Müze | Ofis | Restoran

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

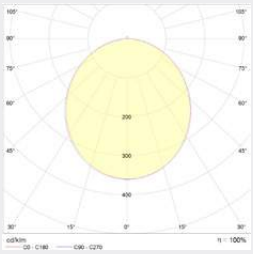
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver: Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

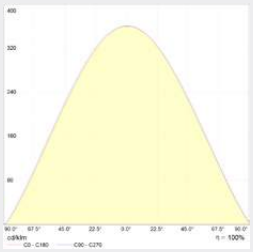
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

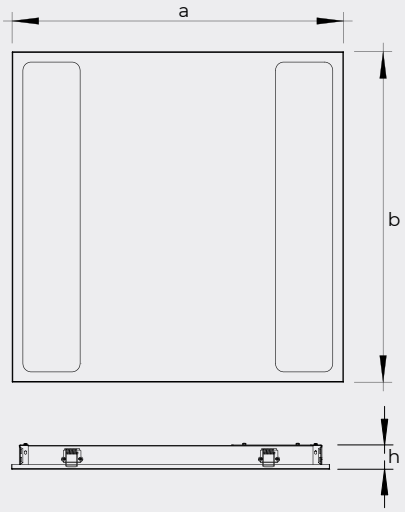
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1111-113-00	9	1008	112	2700-6500K	0,55	2,4	0,0102	4	>0,95	300	300	45	315	615	100
1111-223-00	18	2052	114	2700-6500K	1,65	3,5	0,0198	2	>0,95	300	600	45	315	615	100
1111-333-00	37	4255	115	2700-6500K	3	6,3	0,0390	2	>0,95	300	1200	45	315	1215	100
1111-433-00	37	4181	113	2700-6500K	3	12,4	0,0384	2	>0,95	600	600	45	615	655	100
1111-543-00	52	5772	111	2700-6500K	5	11,3	0,0756	2	>0,95	600	1200	45	615	1215	100

Wega Alçıpan / Drywall

Sıva Altı Alçıpan Tavan LED Aydınlatma Armatürleri

Recessed Mounted Drywall LED Lighting Luminaires

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

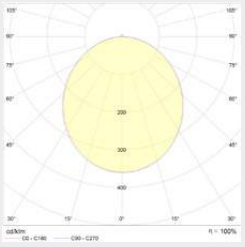
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

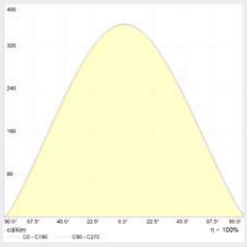
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
1112-113-00	9	1008	112	2700-6500K	0,7	3	0,0102	4	>0,95	275x275	295	295	45	315	615	100
1112-223-00	18	2052	114	2700-6500K	1,8	3,8	0,0198	2	>0,95	275x575	295	595	45	315	615	100
1112-333-00	37	4255	115	2700-6500K	3,2	6,6	0,0390	2	>0,95	275x1175	295	1195	45	315	1215	100
1112-433-00	37	4181	113	2700-6500K	3,2	13	0,0384	2	>0,95	575x575	595	595	45	615	655	100
1112-543-00	52	5772	111	2700-6500K	5,8	11,8	0,0756	2	>0,95	575x1175	595	1195	45	615	1215	100

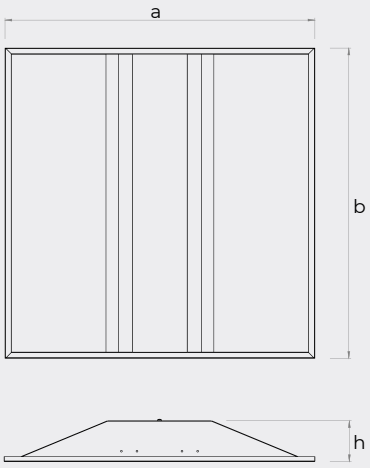
Elegance Endirekt

Sıva Altı Endirekt LED Aydınlatma Armatürü

Recessed Mounted Indirect LED Lighting Luminaire

LED | 230V 50Hz | IP20 | IK02 | CRI 80 | CRI 90 | CE

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

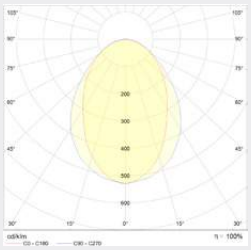
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

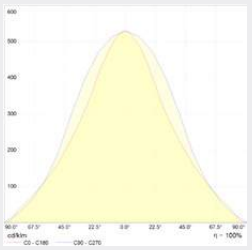
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

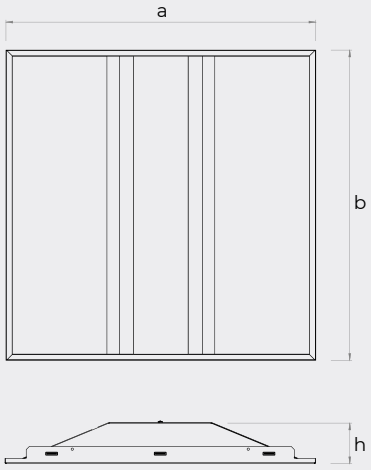
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1113-112-00	34	2754	81	2700-6500K	4,3	9	0,0595	2	>0,95	595	595	75	610	610	160
1113-122-00	40	3205	80	2700-6500K	4,3	9	0,0595	2	>0,95	595	595	75	610	610	160
1113-132-00	50	4012	80	2700-6500K	4,3	9	0,0595	2	>0,95	595	595	75	610	610	160
1113-142-00	54	4328	80	2700-6500K	4,3	9	0,0595	2	>0,95	595	595	75	610	610	160

Elegance Endirekt Clip-In

Sıva Altı Clip-In Endirekt LED Aydınlatma Armatürü

Recessed Mounted Clip-In Indirect LED Lighting Luminaire

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

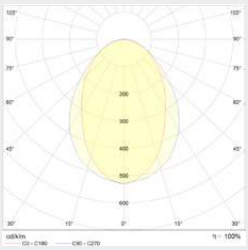
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

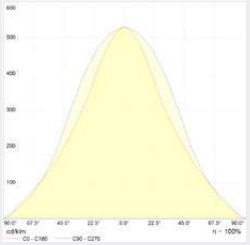
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1114-112-00	34	2754	81	2700-6500K	4,3	9	0,0595	2	>0,95	600	600	75	610	610	160
1114-122-00	40	3205	80	2700-6500K	4,3	9	0,0595	2	>0,95	600	600	75	610	610	160
1114-132-00	50	4012	80	2700-6500K	4,3	9	0,0595	2	>0,95	600	600	75	610	610	160
1114-142-00	54	4328	80	2700-6500K	4,3	9	0,0595	2	>0,95	600	600	75	610	610	160

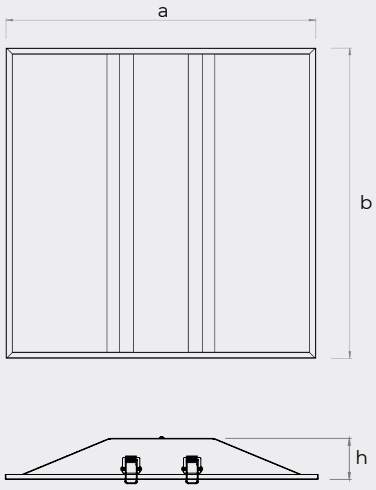
Elegance Endirekt Alçıpan / Drywall

Sıva Altı Alçıpan Tavan Endirekt LED Aydınlatma Armatürü

Recessed Mounted Draywall Indirect LED Lighting Luminaire

LED | 230V 50Hz | IP20 | IK02 | CRI 80 | CRI 90 | CE

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

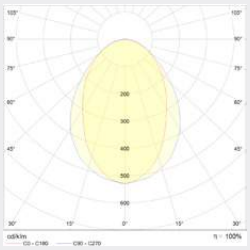
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

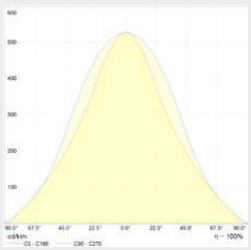
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

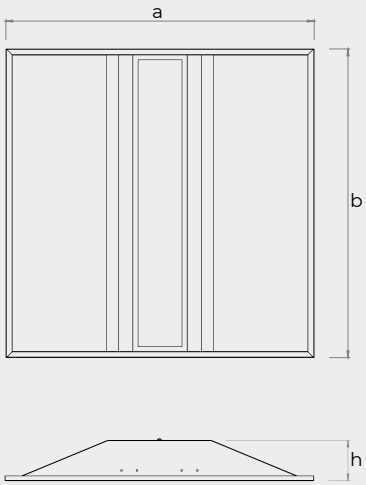
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
1115-112-00	34	2754	81	2700-6500K	4,3	9	0,0595	2	>0,95	575x575	595	595	75	610	610	160
1115-122-00	40	3205	80	2700-6500K	4,3	9	0,0595	2	>0,95	575x575	595	595	75	610	610	160
1115-132-00	50	4012	80	2700-6500K	4,3	9	0,0595	2	>0,95	575x575	595	595	75	610	610	160
1115-142-00	54	4328	80	2700-6500K	4,3	9	0,0595	2	>0,95	575x575	595	595	75	610	610	160

Elegance Direkt-Endirekt

Sıva Altı Direkt-Endirekt LED Aydınlatma Armatürü

Recessed Mounted Direct-Indirect LED Lighting Luminaire

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

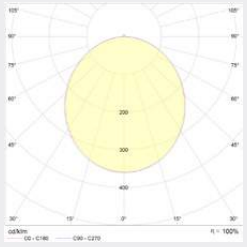
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

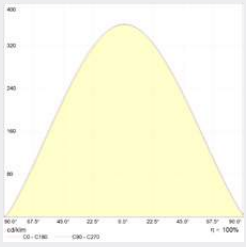
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h	**Koli Boyutları** Box Dimensions **(mm)** a	b	h
1116-112-00	34	3230	95	2700-6500K	4,3	9	0,0595	2	>0,95	595	595	75	610	610	160
1116-122-00	40	3800	95	2700-6500K	4,3	9	0,0595	2	>0,95	595	595	75	610	610	160
1116-132-00	50	4750	95	2700-6500K	4,3	9	0,0595	2	>0,95	595	595	75	610	610	160
1116-142-00	54	5130	95	2700-6500K	4,3	9	0,0595	2	>0,95	595	595	75	610	610	160

Elegance Direkt-Endirekt Clip-In

Sıva Altı Clip-In Direkt-Endirekt LED Aydınlatma Armatürü

Recessed Mounted Clip-In Direct-Indirect LED Lighting Luminaire

LED | 230V 50Hz | IP20 | IK02 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

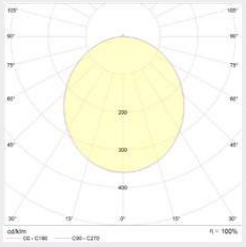
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

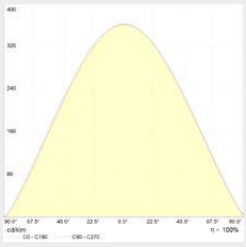
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1117-112-00	34	3230	95	2700-6500K	4,3	9	0,0595	2	>0,95	600	600	75	610	610	160
1117-122-00	40	3800	95	2700-6500K	4,3	9	0,0595	2	>0,95	600	600	75	610	610	160
1117-132-00	50	4750	95	2700-6500K	4,3	9	0,0595	2	>0,95	600	600	75	610	610	160
1117-142-00	54	5130	95	2700-6500K	4,3	9	0,0595	2	>0,95	600	600	75	610	610	160

Elegance Direkt-Endirekt Alçıpan / Drywall

Sıva Altı Alçıpan Tavan Direkt-Endirekt LED Aydınlatma Armatürü

Recessed Mounted Draywall Direct-Indirect LED Lighting Luminaire

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

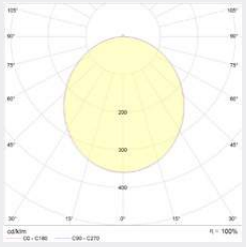
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

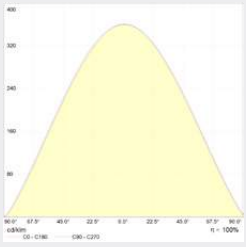
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

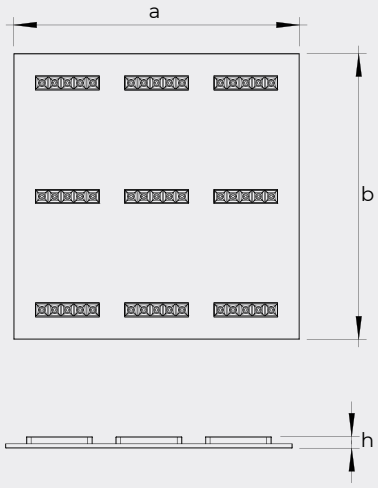
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
1118-112-00	34	3230	95	2700-6500K	4,3	9	0,0595	2	>0,95	575x575	595	595	75	610	610	160
1118-122-00	40	3800	95	2700-6500K	4,3	9	0,0595	2	>0,95	575x575	595	595	75	610	610	160
1118-132-00	50	4750	95	2700-6500K	4,3	9	0,0595	2	>0,95	575x575	595	595	75	610	610	160
1118-142-00	54	5130	95	2700-6500K	4,3	9	0,0595	2	>0,95	575x575	595	595	75	610	610	160

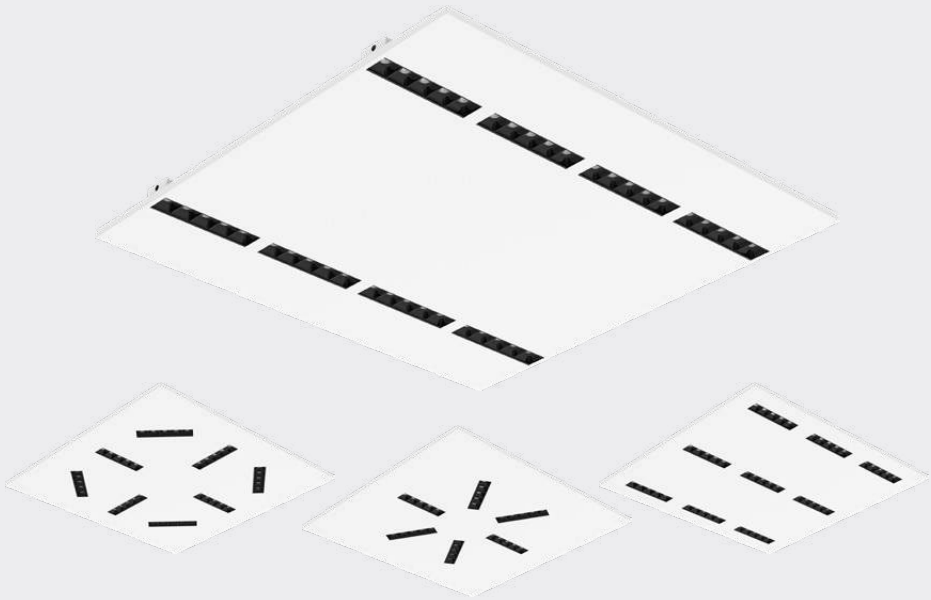
Inca

Sıva Altı LED Panel Aydınlatma Armatürleri

Recessed Mounted LED Panel Lighting Luminaires

LED | 230V 50Hz | IP20 | IK02 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Reflektör Lens / High Efficient UGR: <19 Reflector Lens

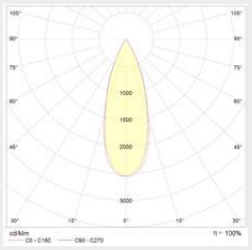
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

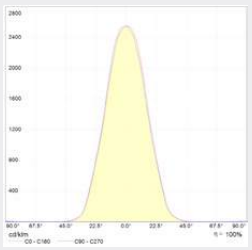
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h	**Koli Boyutları** Box Dimensions **(mm)** a	b	h
1119-112-00	15	1875	125	2700-6500K	1	16,2	0,0416	16	>0,95	295	295	25	615	615	110
1119-223-00	23	2898	126	2700-6500K	1,3	10,6	0,0416	8	>0,95	295	595	25	615	615	110
1119-342-00	40	4960	124	2700-6500K	2	16,4	0,0822	8	>0,95	295	1195	25	615	1215	110
1119-362-00	45	5535	123	2700-6500K	2	16,4	0,0822	8	>0,95	295	1195	25	615	1215	110
1119-433-00	34	4248	126	2700-6500K	1,8	7,4	0,0416	4	>0,95	595	595	25	615	615	110
1119-443-00	40	5005	125	2700-6500K	1,8	7,4	0,0416	4	>0,95	595	595	25	615	615	110
1119-453-00	44	5456	124	2700-6500K	1,8	7,4	0,0416	4	>0,95	595	595	25	615	615	110
1119-573-00	63	7560	120	2700-6500K	3,5	14,4	0,0822	4	>0,95	595	1195	25	615	1215	110
1119-583-00	80	9440	118	2700-6500K	3,5	14,4	0,0822	4	>0,95	595	1195	25	615	1215	110

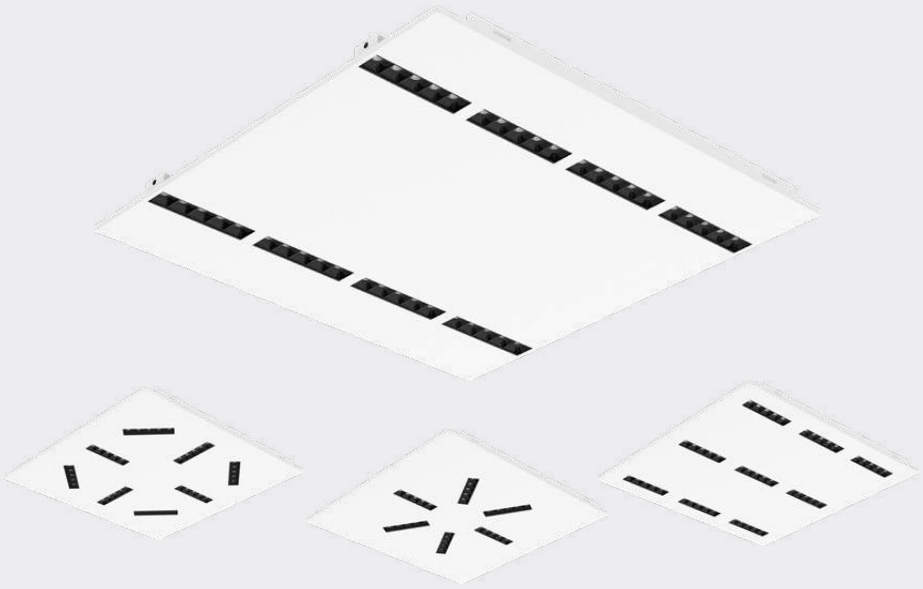
Inca Clip-In

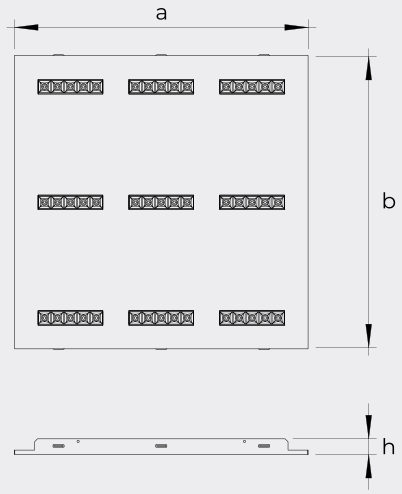
Sıva Altı Clip-In LED Aydınlatma Armatürleri

Recessed Mounted Clip-In LED Lighting Luminaires

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

CE | CRI 90 | CRI 80 | IK 02 | IP 20 | 230 V 50 Hz | LED





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Reflektör Lens / High Efficient UGR: <19 Reflector Lens

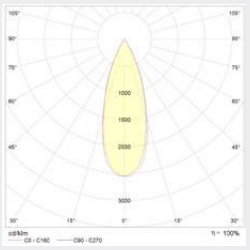
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

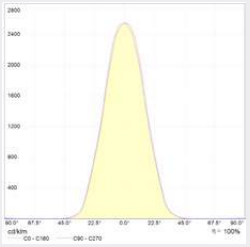
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

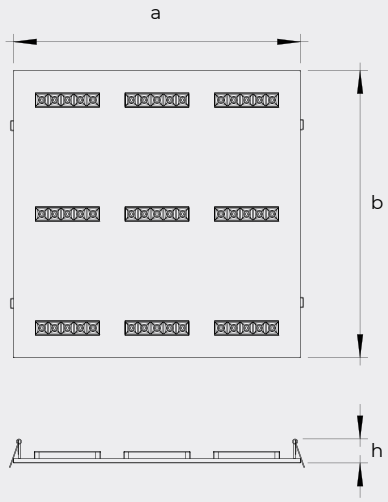
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1120-112-00	15	1875	125	2700-6500K	1	16,2	0,0416	16	>0,95	300	300	25	615	615	110
1120-223-00	23	2898	126	2700-6500K	1,3	10,6	0,0416	8	>0,95	300	600	25	615	615	110
1120-342-00	40	4960	124	2700-6500K	2	16,4	0,0822	8	>0,95	300	1200	25	615	1215	110
1120-362-00	45	5535	123	2700-6500K	2	16,4	0,0822	8	>0,95	300	1200	25	615	1215	110
1120-433-00	34	4248	126	2700-6500K	1,8	7,4	0,0416	4	>0,95	600	600	25	615	615	110
1120-443-00	40	5005	125	2700-6500K	1,8	7,4	0,0416	4	>0,95	600	600	25	615	615	110
1120-453-00	44	5456	124	2700-6500K	1,8	7,4	0,0416	4	>0,95	600	600	25	615	615	110
1120-573-00	63	7560	120	2700-6500K	3,5	14,4	0,0822	4	>0,95	600	1200	25	615	1215	110
1120-583-00	80	9440	118	2700-6500K	3,5	14,4	0,0822	4	>0,95	600	1200	25	615	1215	110

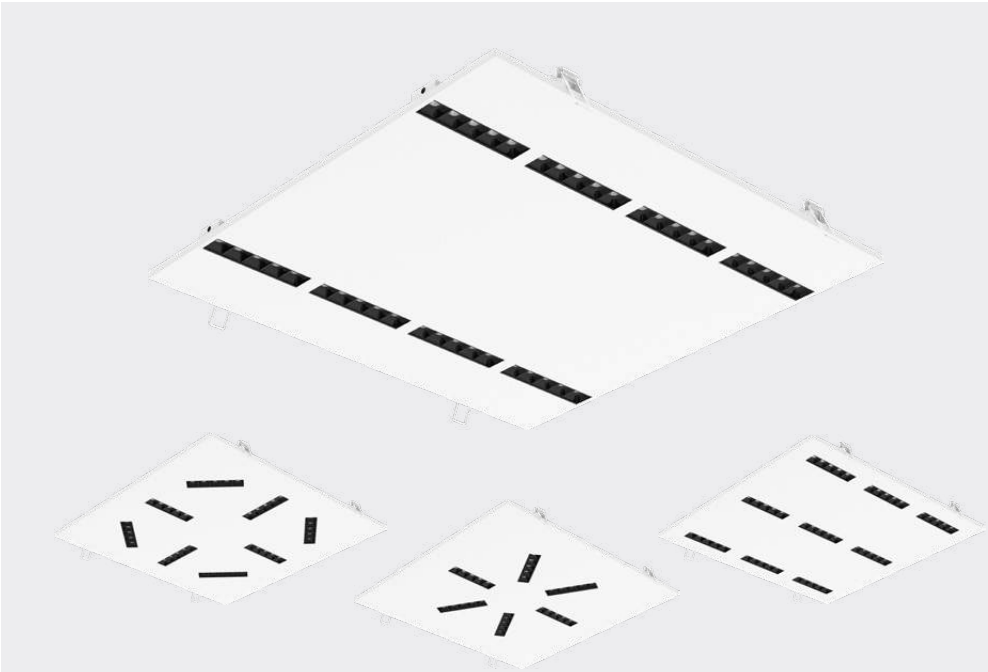
Inca Alçıpan / Drywall

Sıva Altı Alçıpan Tavan LED Aydınlatma Armatürleri

Recessed Mounted Draywall LED Lighting Luminaires

LED | 230V 50Hz | IP20 | IK02 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Reflektör Lens / High Efficient UGR: <19 Reflector Lens

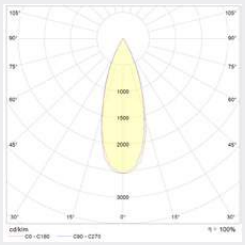
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

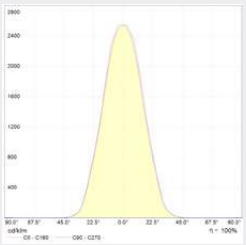
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi / *Polar Curve*



Kartezyen Diagram / *Cartesian Diagram*

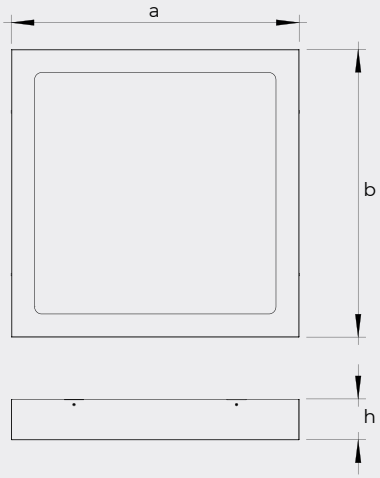
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
1121-112-00	15	1875	125	2700-6500K	1	16,2	0,0416	16	>0,95	275x275	295	295	25	615	615	110
1121-223-00	23	2898	126	2700-6500K	1,3	10,6	0,0416	8	>0,95	275x575	295	595	25	615	615	110
1121-342-00	40	4960	124	2700-6500K	2	16,4	0,0822	8	>0,95	275x1175	295	1195	25	615	1215	110
1121-362-00	45	5535	123	2700-6500K	2	16,4	0,0822	8	>0,95	275x1175	295	1195	25	615	1215	110
1121-433-00	34	4248	126	2700-6500K	1,8	7,4	0,0416	4	>0,95	575x575	595	595	25	615	615	110
1121-443-00	40	5005	125	2700-6500K	1,8	7,4	0,0416	4	>0,95	575x575	595	595	25	615	615	110
1121-453-00	44	5456	124	2700-6500K	1,8	7,4	0,0416	4	>0,95	575x575	595	595	25	615	615	110
1121-573-00	63	7560	120	2700-6500K	3,5	14,4	0,0822	4	>0,95	575x1175	595	1195	25	615	1215	110
1121-583-00	80	9440	118	2700-6500K	3,5	14,4	0,0822	4	>0,95	575x1175	595	1195	25	615	1215	110

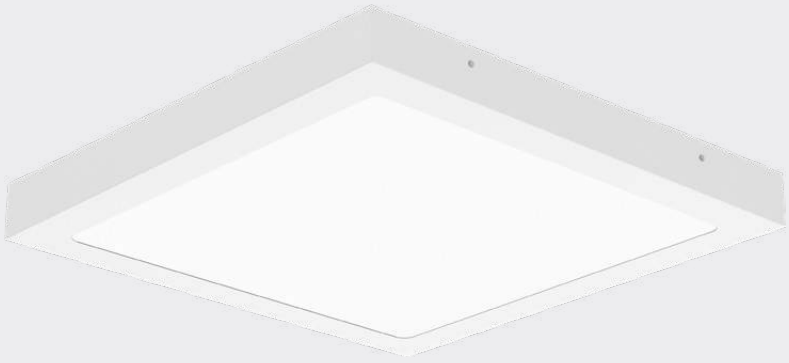
Up Estee-Favor

Sıva Üstü LED Panel Aydınlatma Armatürleri

Surface Mounted LED Panel Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

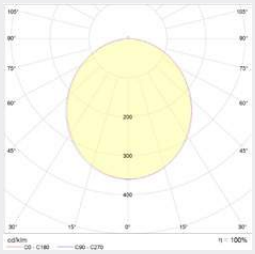
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

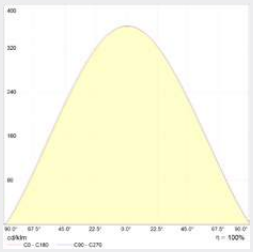
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

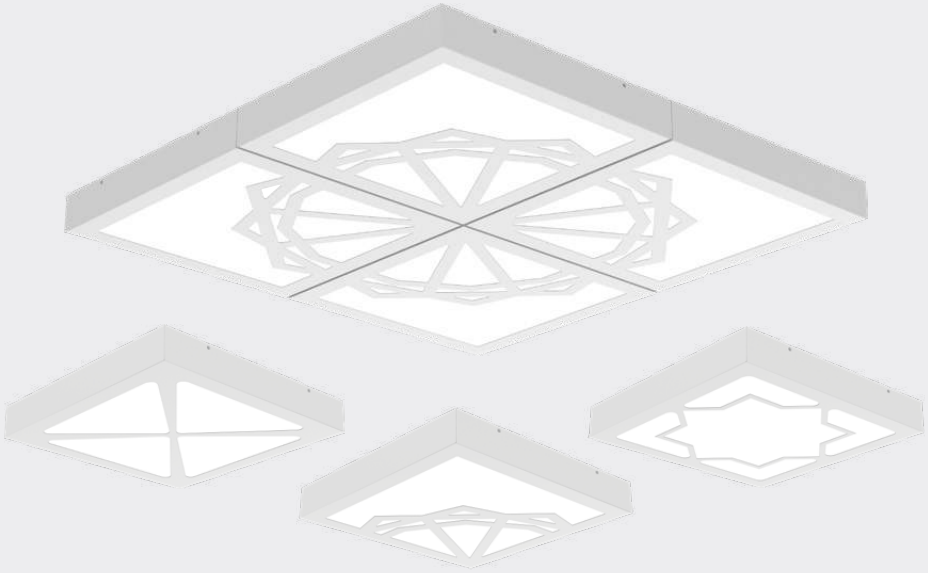
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1201-112-00	15	1497	100	2700-6500K	1,4	6	0,033201	4	>0,95	305	305	80	620	315	170
1201-222-00	23	2345	102	2700-6500K	2,1	4,6	0,032147	2	>0,95	305	605	80	620	315	170
1201-342-00	40	4105	103	2700-6500K	3,8	8	0,06403	2	>0,95	305	1205	80	310	1215	170
1201-362-00	45	4709	105	2700-6500K	3,8	8	0,06403	2	>0,95	305	1205	80	310	1215	170
1201-432-00	34	4054	119	2700-6500K	3,8	15,8	0,121086	4	>0,95	605	605	80	610	625	310
1201-442-00	40	4402	110	2700-6500K	3,8	15,8	0,121086	4	>0,95	605	605	80	610	625	310
1201-452-00	44	4968	113	2700-6500K	3,8	15,8	0,121086	4	>0,95	605	605	80	610	625	310
1201-572-00	63	7772	123	2700-6500K	6,5	13,5	0,125995	2	>0,95	605	1205	80	620	1215	170
1201-582-00	80	9384	117	2700-6500K	6,5	13,5	0,125995	2	>0,95	605	1205	80	620	1215	170

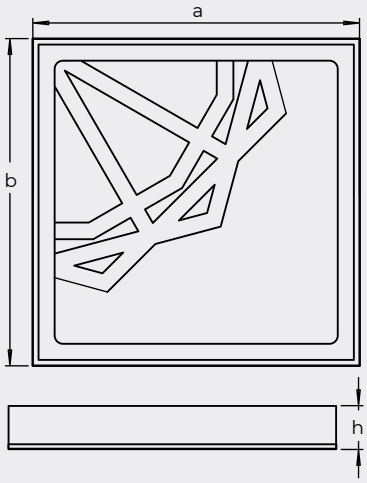
Up Estee-Favor Concept

Sıva Üstü LED Panel Aydınlatma Armatürleri

Surface Mounted LED Panel Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | TSE | CE | CRI 90 | CRI 80 | IK 02 | IP 40 | 230 V 50 Hz | LED





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

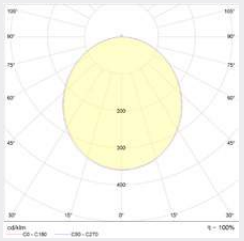
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

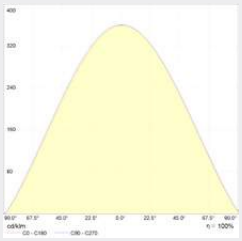
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1204-112-00	15	1497	100	2700-6500K	1,6	6,8	0,033201	4	>0,95	305	305	80	620	315	170
1204-222-00	23	2345	102	2700-6500K	2,5	5,2	0,032147	2	>0,95	305	605	80	620	315	170
1204-342-00	40	4105	103	2700-6500K	3,7	7,8	0,064030	2	>0,95	305	1205	80	310	1215	170
1204-362-00	45	4709	105	2700-6500K	3,7	7,8	0,064030	2	>0,95	305	1205	80	310	1215	170
1204-432-00	34	4054	119	2700-6500K	3,7	15	0,121086	4	>0,95	605	605	80	610	625	310
1204-442-00	40	4402	110	2700-6500K	3,7	15	0,121086	4	>0,95	605	605	80	610	625	310
1204-452-00	44	4968	113	2700-6500K	3,7	15	0,121086	4	>0,95	605	605	80	610	625	310
1204-572-00	63	7772	123	2700-6500K	5,9	12,2	0,1259955	2	>0,95	605	1205	80	620	1215	170
1204-582-00	80	9384	117	2700-6500K	5,9	12,2	0,1259955	2	>0,95	605	1205	80	620	1215	170

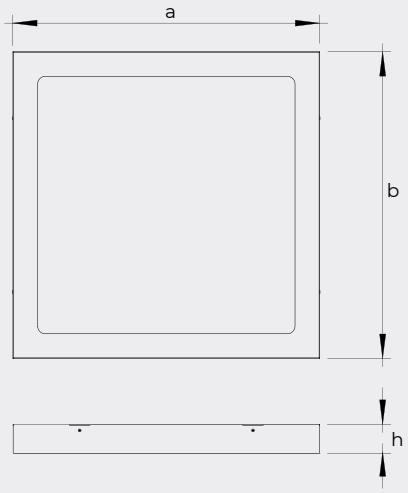
Up Colle Slim Backlight

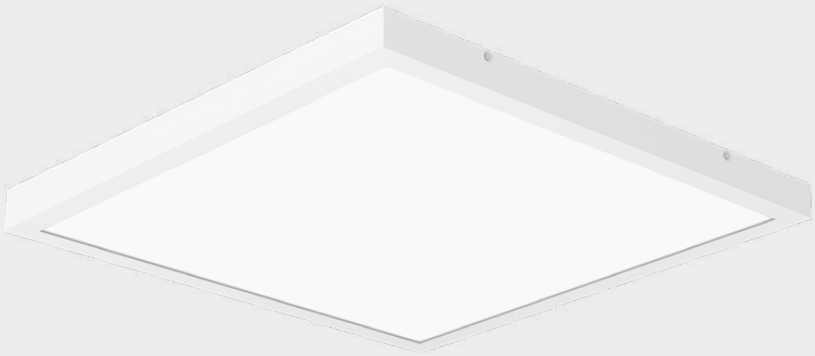
Sıva Üstü LED Panel Aydınlatma Armatürleri

Surface Mounted LED Lighting Panel Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CE

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

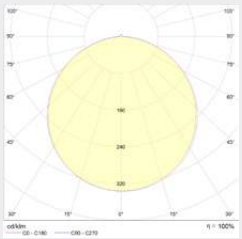
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

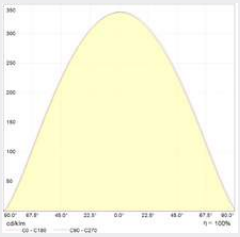
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

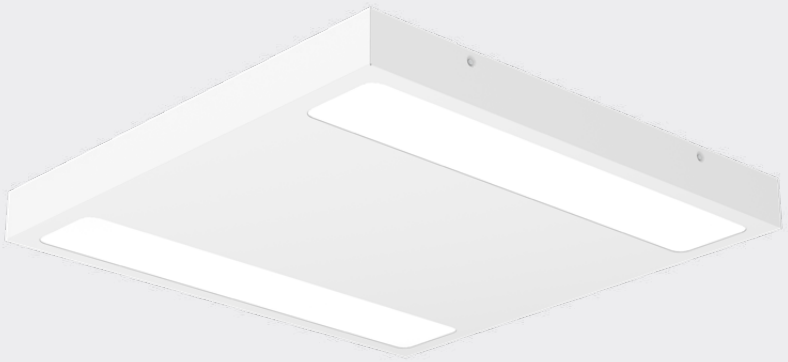
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1207-112-00	18	1440	80	2700-6500K	0,7	29	0,0417	40	>0,95	305	305	40	650	650	390
1207-222-00	30	2400	80	2700-6500K	1,2	25	0,0417	20	>0,95	305	605	40	650	650	390
1207-342-00	45	3600	80	2700-6500K	2,2	5,4	0,03751	2	>0,95	305	1205	40	310	1210	100
1207-432-00	40	3772	94	2700-6500K	1,9	20	0,1531	10	>0,95	605	605	40	650	650	390
1207-452-00	48	4320	90	2700-6500K	1,9	20	0,1531	10	>0,95	605	605	40	650	650	390
1207-562-00	90	7200	80	2700-6500K	3,2	7	0,0599	2	>0,95	605	1205	40	610	1210	100

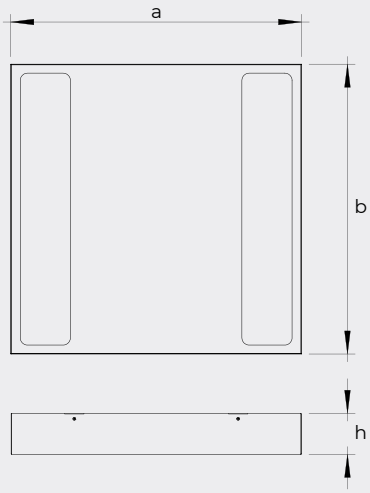
Up Wega

Sıva Üstü LED Panel Aydınlatma Armatürleri

Surface Mounted LED Panel Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

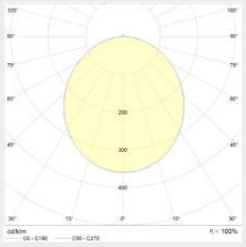
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

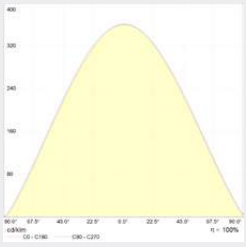
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

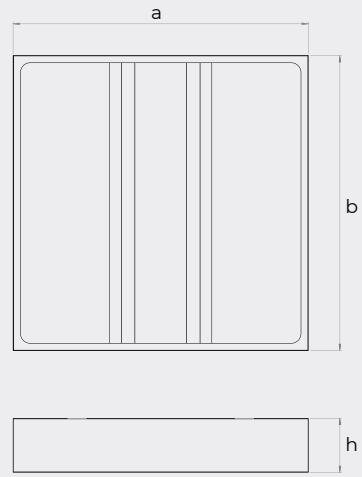
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1210-113-00	9	1008	112	2700-6500K	0,9	3,8	0,0205	4	>0,95	305	305	60	320	620	125
1210-223-00	18	2052	114	2700-6500K	2	4,2	0,0238	2	>0,95	305	605	60	320	620	125
1210-333-00	37	4255	115	2700-6500K	3,5	7,2	0,0468	2	>0,95	305	1205	60	320	1220	125
1210-433-00	37	4181	113	2700-6500K	3,5	7,2	0,0769	2	>0,95	605	605	60	620	660	125
1210-543-00	52	5772	111	2700-6500K	5,5	11,2	0,0908	2	>0,95	605	1205	60	620	1220	125

Up Elegance Endirekt

Sıva Üstü Endirekt LED Aydınlatma Armatürleri

Surface Mounted Indirect LED Lighting Luminaires

LED | 230V 50Hz | IP 20 | IK 02 | CRI 80 | CRI 90 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Armatür Özellikleri

Specifications of Luminaire

Gövde : DKP Sac Gövde
Body DKP Sheet Body

Boya : Elektrostatik Toz Boya
Paint Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours Life
Mid Power LED

Marka : OSRAM | SAMSUNG
Brand

Optik : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
Optic High Efficient
UGR: <19 Opal Diffuser

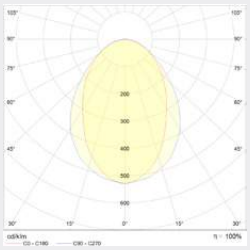
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü: Yüksek Verimli ENEC Sertifikalı
Driver High Efficient ENEC Certified

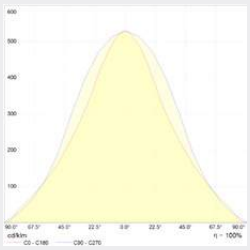
Marka : OSRAM | TRIDONIC | PHILIPS | PEDAS
Brand

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

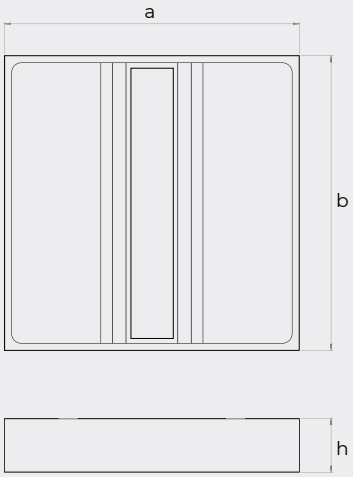
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1213-112-00	34	2754	81	2700-6500K	5	11	0,0792	2	>0,95	605	605	75	610	610	175
1213-122-00	40	3205	80	2700-6500K	5	11	0,0792	2	>0,95	605	605	75	610	610	175
1213-132-00	50	4012	80	2700-6500K	5	11	0,0792	2	>0,95	605	605	75	610	610	175
1213-142-00	54	4328	80	2700-6500K	5	11	0,0792	2	>0,95	605	605	75	610	610	175

Up Elegance Direkt-Endirekt

Sıva Üstü Direkt-Endirekt LED Aydınlatma Armatürleri

Surface Mounted Direct-Indirect LED Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | CE | CRI 90 | CRI 80 | IK 02 | IP 20 | 230 V 50 Hz | LED



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

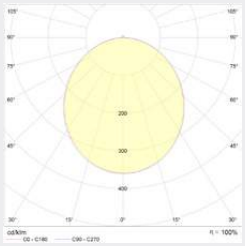
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

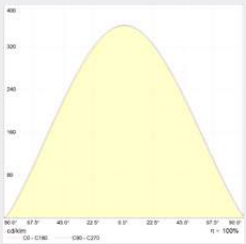
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

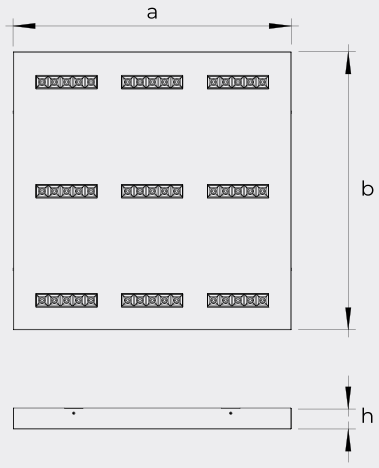
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1216-112-00	34	3230	95	2700-6500K	5	11	0,0792	2	>0,95	605	605	75	610	610	175
1216-122-00	40	3800	95	2700-6500K	5	11	0,0792	2	>0,95	605	605	75	610	610	175
1216-132-00	50	4750	95	2700-6500K	5	11	0,0792	2	>0,95	605	605	75	610	610	175
1216-142-00	54	5130	95	2700-6500K	5	11	0,0792	2	>0,95	605	605	75	610	610	175

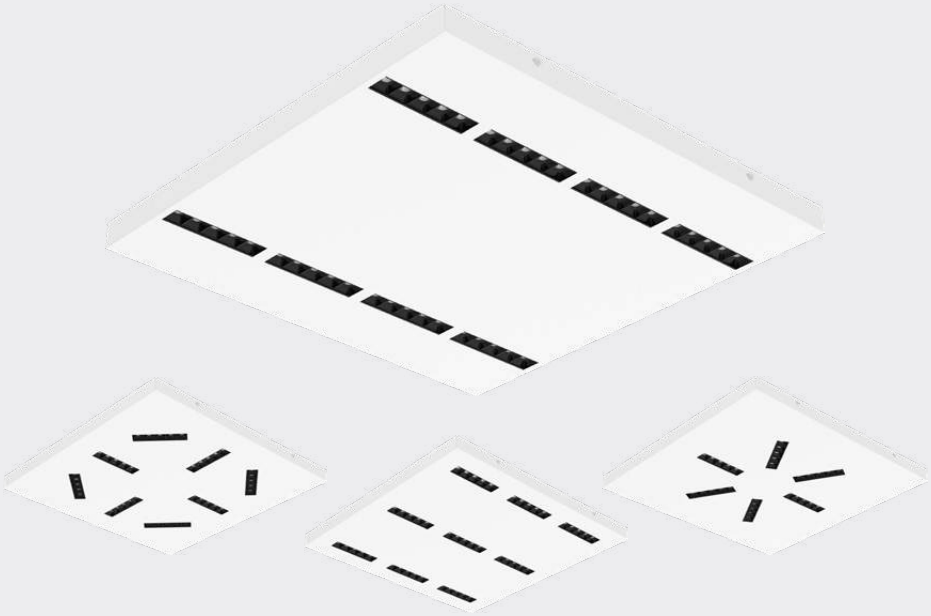
Up Inca

Sıva Üstü Endirekt LED Aydınlatma Armatürleri

Surface Mounted Endirect LED Lighting Luminaires

LED | 230V 50Hz | IP20 | IK02 | CRI80 | CRI90 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Reflektör Lens / High Efficient UGR: <19 Reflector Lens

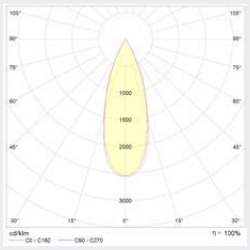
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

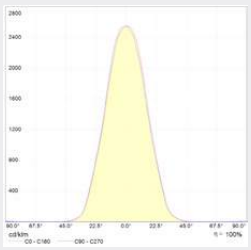
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve

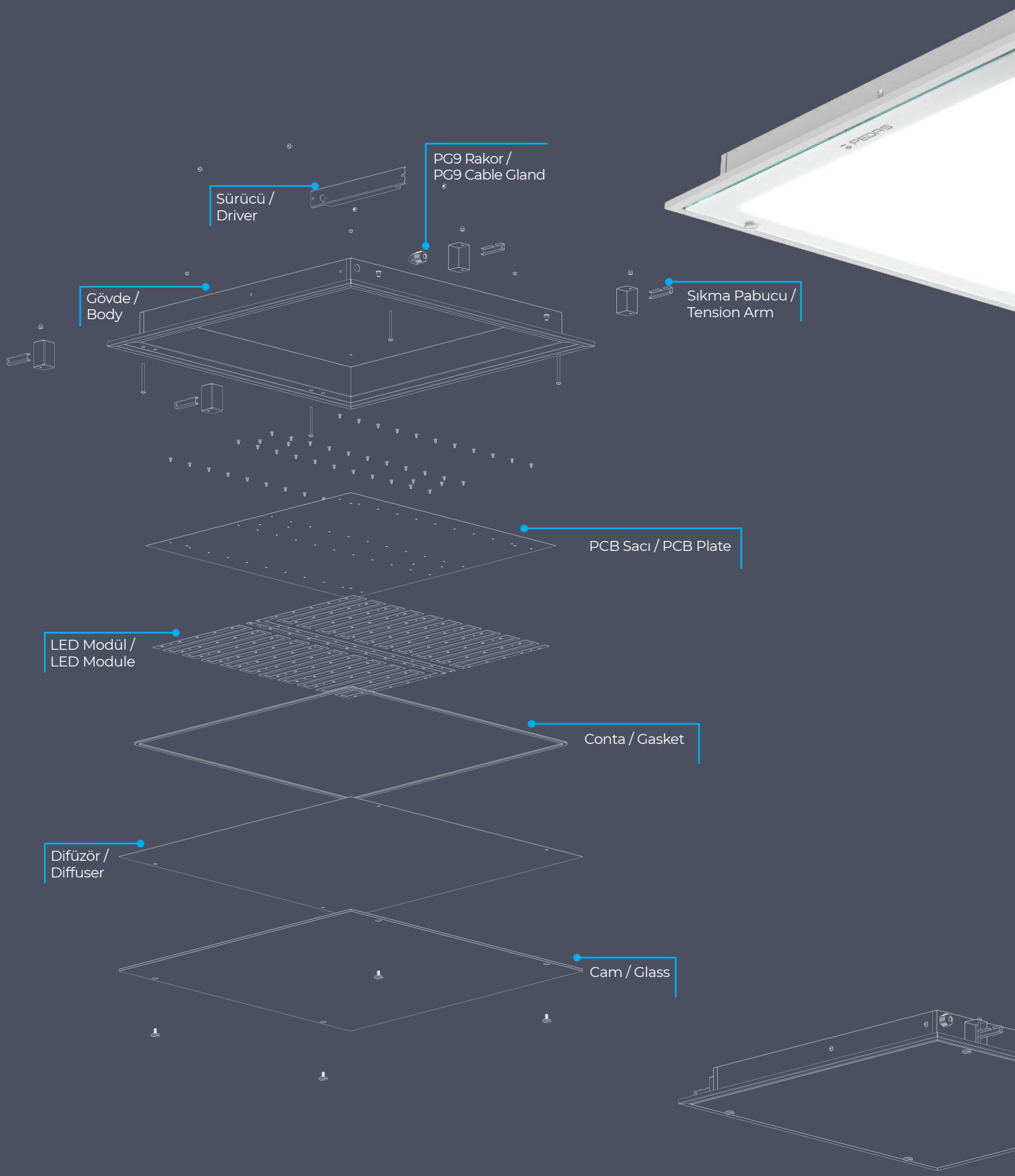


Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1219-112-00	15	1802	120	2700-6500K	1,2	14,6	0,0109	12	>0,95	305	305	35	615	615	110
1219-222-00	23	2737	119	2700-6500K	1,5	9,2	0,0416	6	>0,95	305	605	35	615	615	110
1219-342-00	40	4720	118	2700-6500K	2,2	13,4	0,0421	6	>0,95	305	1205	35	615	1215	110
1219-362-00	45	5405	120	2700-6500K	2,2	13,2	0,0421	6	>0,95	305	1205	35	615	1215	110
1219-432-00	34	4046	119	2700-6500K	2	6,2	0,0416	3	>0,95	605	605	35	615	615	110
1219-442-00	40	4720	118	2700-6500K	2	6,2	0,0416	3	>0,95	605	605	35	615	615	110
1219-452-00	44	5280	120	2700-6500K	2	6,2	0,0415	3	>0,95	605	605	35	615	615	110
1219-572-00	63	7749	123	2700-6500K	3,7	12	0,0822	3	>0,95	605	1205	35	615	1215	110
1219-582-00	80	9360	117	2700-6500K	3,7	12	0,0822	3	>0,95	605	1205	35	615	1215	110

Sıva Altı & Sıva Üstü LED Steril Ortam Aydınlatma Armatürleri

Recessed & Surface Mounted LED Cleanroom Lighting Luminaires



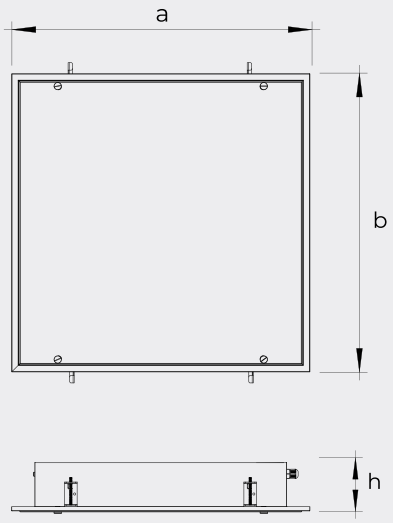
63 • Estee-Favor Clean
64 • Up Estee-Favor Clean
65 • Elegance Direkt Clean
66 • Up Elegance Direkt Clean
68 • Venta Clean
69 • Negatoskop
70 • Up Negatoskop

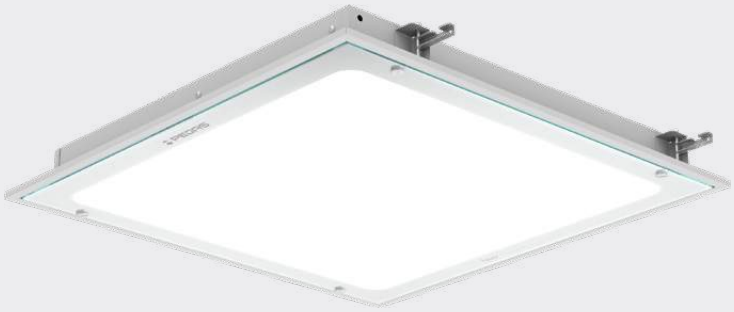
Estee-Favor Clean

Sıva Altı Steril Ortam LED Aydınlatma Armatürleri

Recessed Mounted Cleanroom LED Lighting Luminaires

LED | 230V 50Hz | IP65 | IK08 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM Dökme / EPDM Cast

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Opal Difüzör / High Efficient Glass & UGR: <19 Opal Diffuser

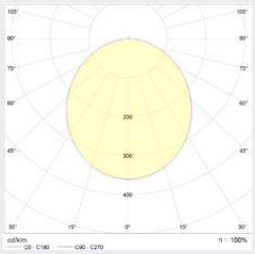
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver: Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

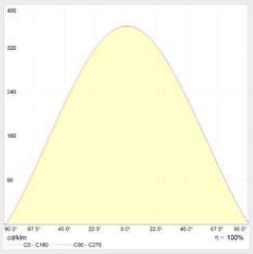
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

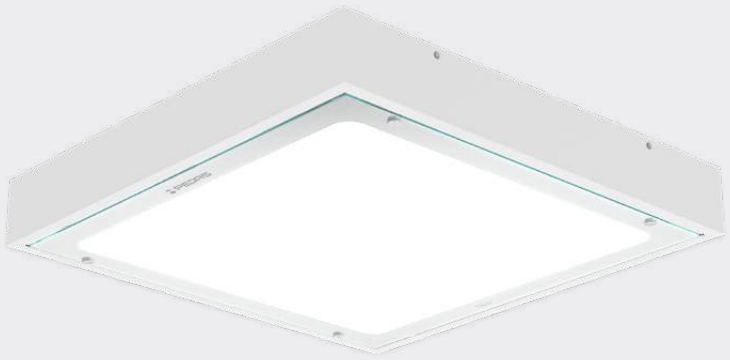
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
1122-112-00	15	1305	87	2700-6500K	3,2	13	0,03320	4	>0,95	275x275	295	295	70	610	620	90
1122-222-00	23	2070	90	2700-6500K	3,8	8	0,03214	2	>0,95	275x575	295	595	67	610	620	90
1122-342-00	40	3600	90	2700-6500K	10	10,5	0,06403	1	>0,95	275x1175	295	1195	83	310	1215	90
1122-362-00	45	3915	87	2700-6500K	10	10,5	0,06403	1	>0,95	275x1175	295	1195	83	310	1215	90
1122-432-00	34	3100	91	2700-6500K	6,6	7	0,121086	1	>0,95	575x575	595	595	62	610	620	90
1122-442-00	40	3600	90	2700-6500K	6,6	7	0,121086	1	>0,95	575x575	595	595	62	610	620	90
1122-452-00	44	3915	89	2700-6500K	6,6	7	0,121086	1	>0,95	575x575	595	595	62	610	620	90
1122-572-00	63	5355	85	2700-6500K	14	15	0,125995	1	>0,95	575x1175	595	1195	80	610	1215	90
1122-582-00	80	6720	84	2700-6500K	14	15	0,125995	1	>0,95	575x1175	595	1195	80	610	1215	90

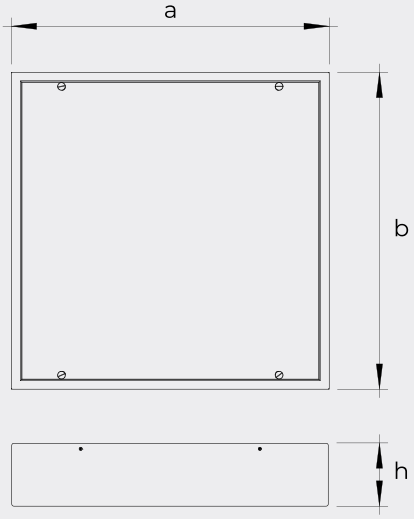
Up Estee-Favor Clean

Sıva Üstü Steril Ortam LED Aydınlatma Armatürleri

Surface Mounted Cleanroom LED Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM Dökme / EPDM Cast

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Opal Difüzör / High Efficient Glass & UGR: <19 Opal Diffuser

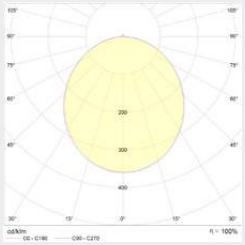
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü: / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

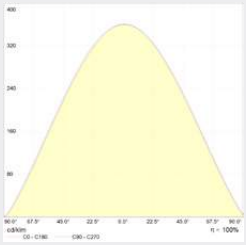
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

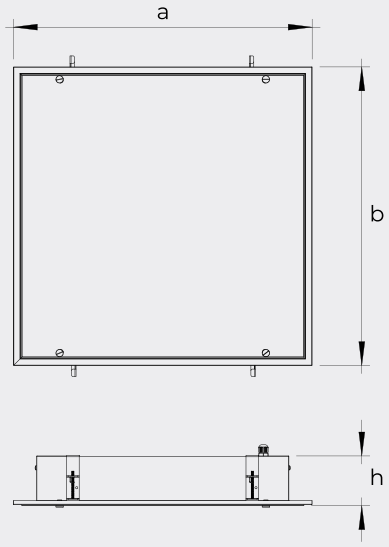
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1222-112-00	15	1305	87	2700-6500K	3,5	14,5	0,03320	4	>0,95	302	302	75	610	620	90
1222-222-00	23	2070	90	2700-6500K	4,5	10	0,03214	2	>0,95	302	602	74	610	620	90
1222-342-00	40	3600	90	2700-6500K	11	11,5	0,06403	1	>0,95	302	1202	84	310	1215	90
1222-362-00	45	3915	87	2700-6500K	11	11,5	0,06403	1	>0,95	302	1202	84	310	1215	90
1222-432-00	34	3100	91	2700-6500K	7	7,5	0,121086	1	>0,95	602	602	74	610	620	90
1222-442-00	40	3600	90	2700-6500K	7	7,5	0,121086	1	>0,95	602	602	74	610	620	90
1222-452-00	44	3915	89	2700-6500K	7	7,5	0,121086	1	>0,95	602	602	74	610	620	90
1222-572-00	63	5355	85	2700-6500K	15	16	0,125995	1	>0,95	602	1202	84	610	1215	90
1222-582-00	80	6720	84	2700-6500K	15	16	0,125995	1	>0,95	602	1202	84	610	1215	90

Elegance Direkt-Endirekt Clean

Sıva Altı Steril Ortam LED Aydınlatma Armatürleri

Recessed Mounted Cleanroom LED Lighting Luminaires

LED | 230V 50Hz | IP65 | IK08 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM Dökme / EPDM Cast

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Opal Difüzör / High Efficient Glass & UGR: <19 Opal Diffuser

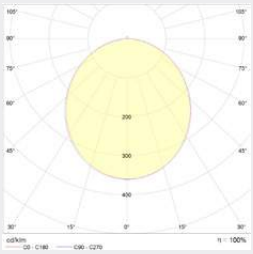
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver: Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

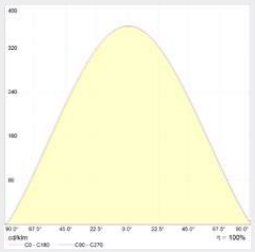
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

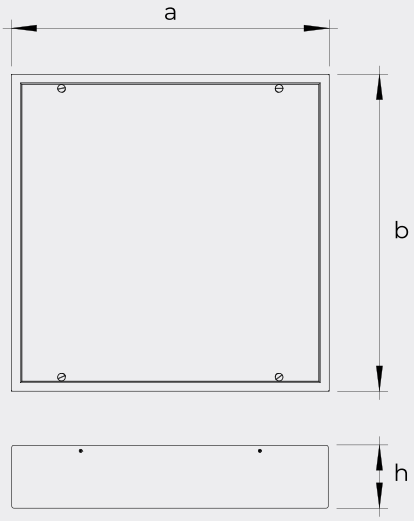
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
1123-112-00	34	2754	81	2700-6500K	7	14,5	0,0893	2	>0,95	575x575	595	595	100	610	610	220
1123-122-00	40	3205	80	2700-6500K	7	14,5	0,0893	2	>0,95	575x575	595	595	100	610	610	220
1123-132-00	50	4012	80	2700-6500K	7	14,5	0,0893	2	>0,95	575x575	595	595	100	610	610	220
1123-142-00	54	4328	80	2700-6500K	7	14,5	0,0893	2	>0,95	575x575	595	595	100	610	610	220

Up Elegance Direkt-Endirekt Clean

Sıva Üstü Steril LED Aydınlatma Armatürleri

Surface Mounted Cleanroom LED Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM Dökme / EPDM Cast

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Opal Difüzör / High Efficient Glass & UGR: <19 Opal Diffuser

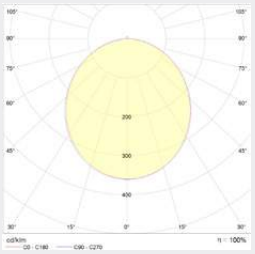
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver: Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

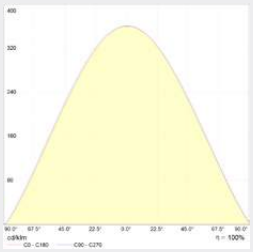
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

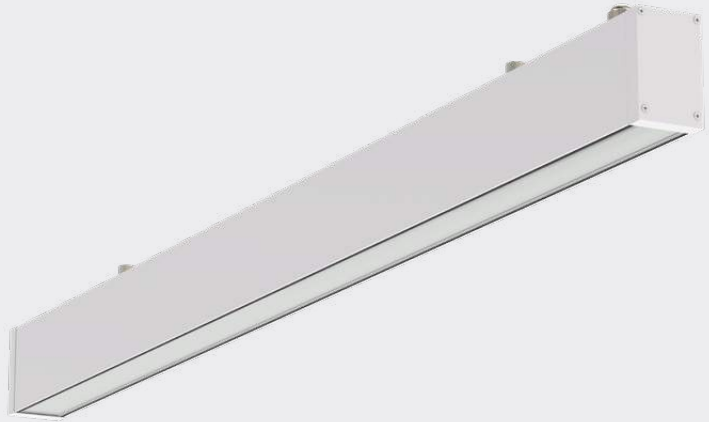
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1223-112-00	34	2754	81	2700-6500K	7,8	15,5	0,0893	2	>0,95	605	605	115	610	610	220
1223-122-00	40	3205	80	2700-6500K	7,8	15,5	0,0893	2	>0,95	605	605	115	610	610	220
1223-132-00	50	4012	80	2700-6500K	7,8	15,5	0,0893	2	>0,95	605	605	115	610	610	220
1223-142-00	54	4328	80	2700-6500K	7,8	15,5	0,0893	2	>0,95	605	605	115	610	610	220

Venta Clean

Sıva Üstü Steril Lineer Aydınlatma Armatürleri

Surface Mounted Cleanroom Linear Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | CE | CRI 90 | CRI 80 | IK 08 | IP 65 | 230V 50Hz | LED



1-10V | DALI | 1-3 Saat

HOTEL | CAFE | MARKET | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde : Alüminyum Ekstrüzyon
Body Aluminum Extrusion

Boya : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

Conta : EPDM Ekstrüzyon
Gasket EPDM Extrusion

LED : L70> 50.000 Saat Ömürlü Mid Power
L70> 50.000 Hours Life Mid Power

Marka : SAMSUNG | OSRAM |
Brand

Optik : Yüksek Geçirgenliğe Sahip Cam
UGR: <19 Difüzör
Optic High Efficient Glass
UGR: <19 Diffuser

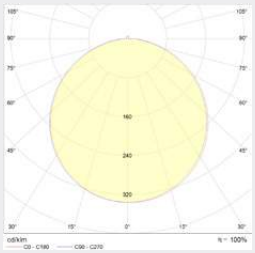
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü: Yüksek Verimli ENEC Sertifikalı
Driver High Efficient ENEC Certified

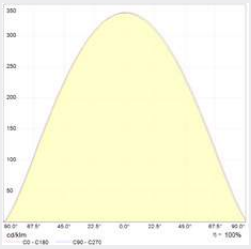
Marka : OSRAM | TRIDONIC | PHILIPS | PEDAS |
Brand

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

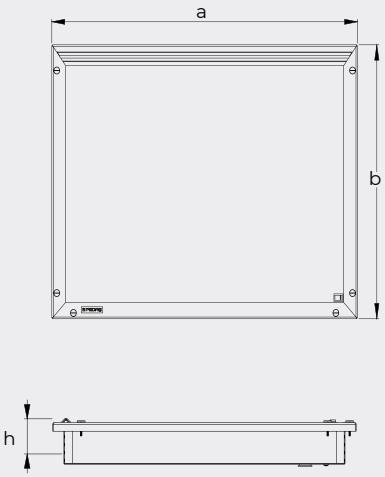
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1239-111-00	20	1600	80	2700-6500K	1,4	3	0,03320	2	>0,95	600	55	85	1210	65	90
1239-221-00	30	2340	78	2700-6500K	2,1	2,5	0,03214	1	>0,95	900	55	85	910	65	90
1239-331-00	40	3080	77	2700-6500K	2,8	3	0,06403	1	>0,95	1200	55	85	1210	65	90
1239-441-00	50	3850	77	2700-6500K	3,5	4	0,06403	1	>0,95	1500	55	85	1510	65	90
1239-551-00	60	4500	75	2700-6500K	4,3	5	0,121086	1	>0,95	1800	55	85	1810	65	90
1239-661-00	70	5040	72	2700-6500K	5	5,5	0,121086	1	>0,95	2100	55	85	1810	65	90
1239-771-00	80	5600	70	2700-6500K	5,7	6,2	0,121086	1	>0,95	2400	55	85	2410	65	90

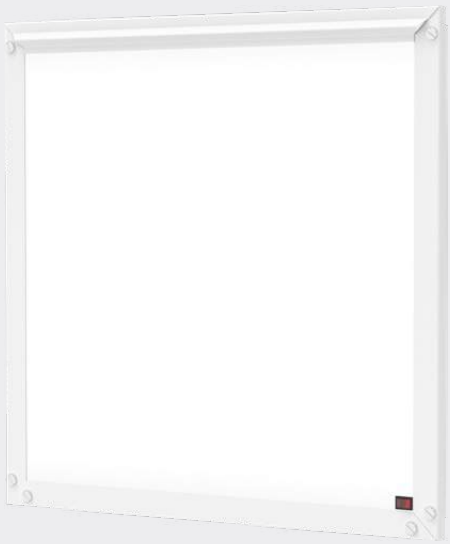
Negatoskop

Sıva Altı LED Negatoskop

Recessed Mounted LED Negatoscope

LED | 230 V 50 Hz | IP 40 | IK 02 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM Dökme / EPDM Cast

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Difüzör / High Efficient UGR: <19 Diffuser

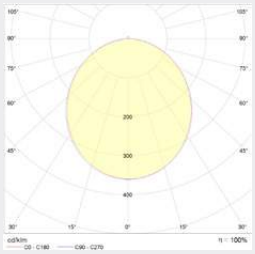
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü: Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

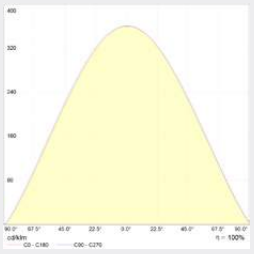
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

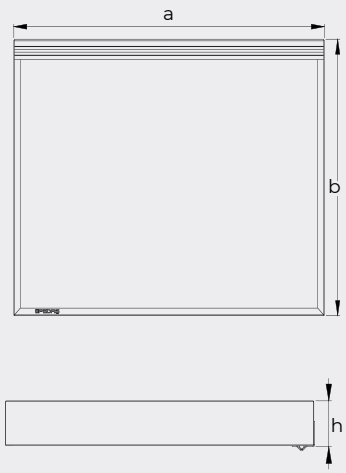
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1124-112-00	40	4360	109	2700-6500K	3,3	3,6	0,0792	1	>0,95	595	595	70	615	615	90
1124-222-00	75	8175	109	2700-6500K	6	6,5	0,0792	1	>0,95	595	1195	70	615	1215	90

Up Negatoskop

Sıva Üstü LED Negatoskop

Surface Mounted LED Negatoscope

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | CE | CRI 80 | CRI 90 | IK 02 | IP 40 | 230V 50Hz | LED



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM Dökme / EPDM Cast

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Difüzör / High Efficient UGR: <19 Diffuser

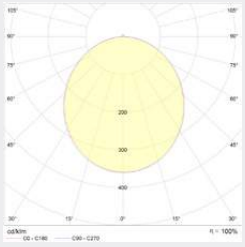
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver: Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

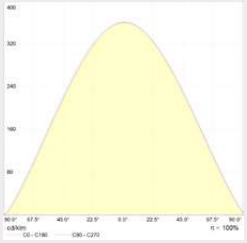
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve

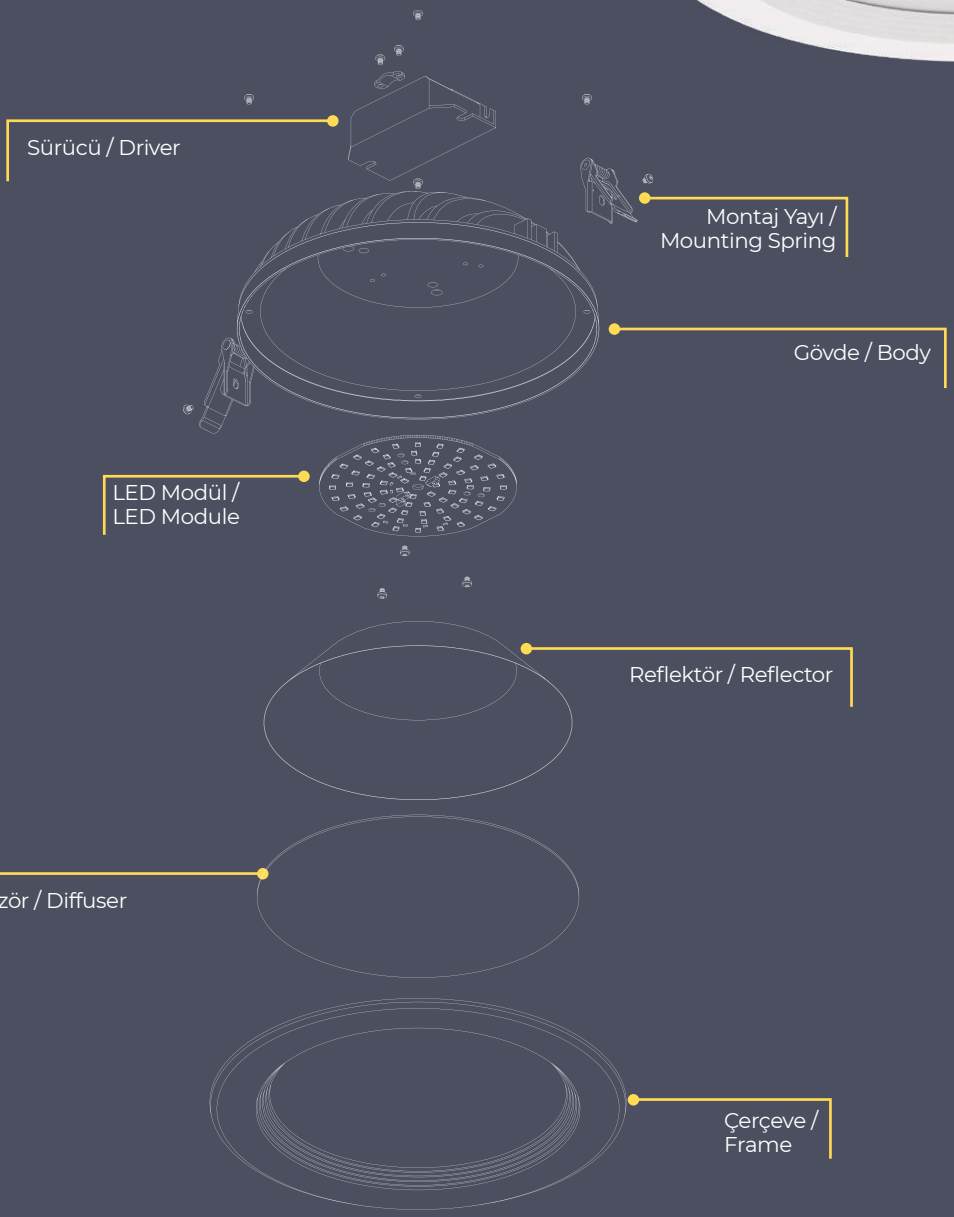


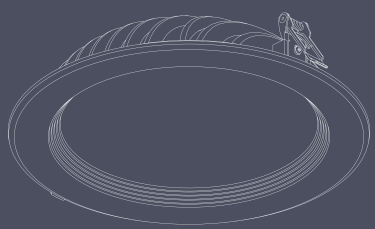
Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1224-112-00	40	4360	109	2700-6500K	3,5	4	0,0792	1	>0,95	605	605	70	615	615	90
1224-222-00	75	8175	109	2700-6500K	6,5	7	0,0792	1	>0,95	605	1205	70	615	1215	90

Sıva Altı & Sıva Üstü LED Downlight Armatürler

Recessed & Surface Mounted LED Downlight Luminaires





73 • Stark
74 • Stark IP54
75 • Bello
76 • Etna
77 • Fros
78 • Vera
79 • Royal
80 • Melly
81 • Mega
82 • Siento
83 • Bulky
84 • Lesa
85 • Sera
86 • Esse
87 • Up Stark
88 • Up Frost
89 • Selon
90 • Mest
91 • Up Mega
92 • Melony
93 • Samba
94 • Rumba
95 • Elis
96 • Marsy

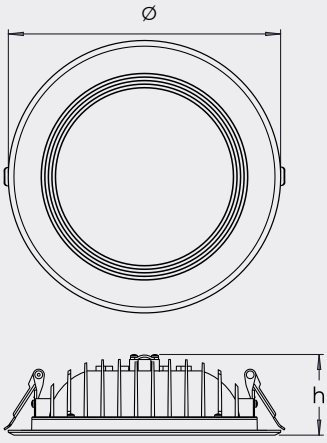
Stark

Sıva Altı LED Downlight Aydınlatma Armatürleri

Recessed Mounted LED Downlight Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | TSE

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFE | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

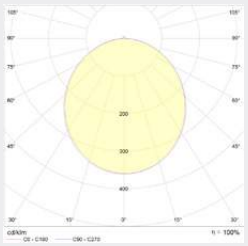
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

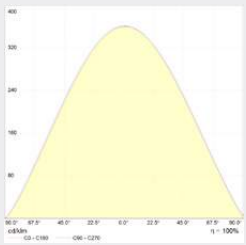
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

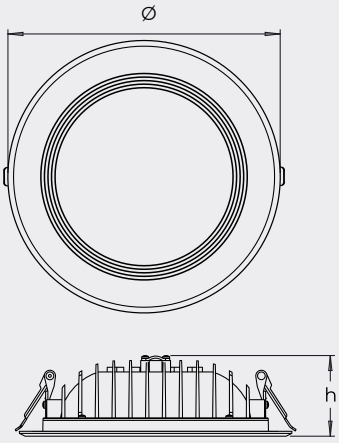
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
											Ø	h	a	b	h
1150-112-00	10	1044	104	2700-6500K	0,12	13	0,1738	84	>0,95	Ø73-80	95	42	600	630	460
1150-222-00	15	1402	94	2700-6500K	0,21	21	0,1738	84	>0,95	Ø97-108	127	46	600	630	460
1150-332-00	20	2325	116	2700-6500K	0,41	22	0,1738	42	>0,95	Ø161-175	194	58	600	630	460
1150-442-00	30	3235	108	2700-6500K	0,55	15	0,1738	22	>0,95	Ø193-207	222,5	54,5	600	630	460

Stark IP54

Sıva Altı LED Downlight Aydınlatma Armatürleri

Recessed Mounted LED Downlight Lighting Luminaires

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | CE | CRI 90 | CRI 80 | IK 02 | IP 54 | 230 V 50 Hz | LED



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü / Mid Power LED / L70> 50.000 Hours Life / Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

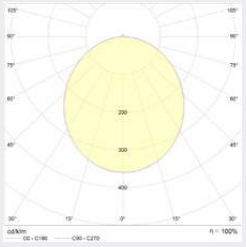
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

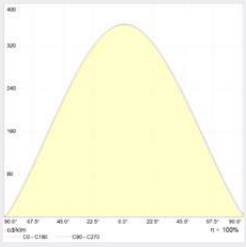
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

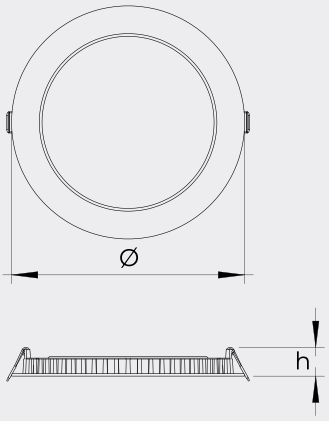
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
											Ø	h	a	b	h
1151-112-00	10	1044	104	2700-6500K	0,22	5	0,1738	20	>0,95	Ø73-80	95	42	600	630	460
1151-222-00	15	1402	94	2700-6500K	0,33	5,5	0,1738	20	>0,95	Ø97-108	127	46	600	630	460
1151-332-00	20	2325	116	2700-6500K	0,55	6	0,1738	20	>0,95	Ø161-175	194	58	600	630	460
1151-442-00	30	3235	108	2700-6500K	0,66	6,5	0,1738	20	>0,95	Ø193-207	222,5	54,5	600	630	460

Bello

Sıva Altı Slim LED Panel Aydınlatma Armatürleri

Recessed Mounted Slim LED Panel Lighting Luminaires

LED | 230V 50Hz | IP20 | IK02 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Armatür Özellikleri
Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 36.000 Saat Ömürlü Mid Power LED / L70> 36.000 Hours Mid Life Power LED

Marka / Brand : OSRAM | SAMSUNG

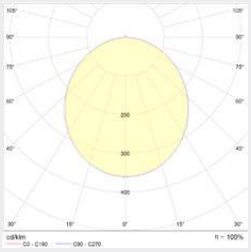
Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

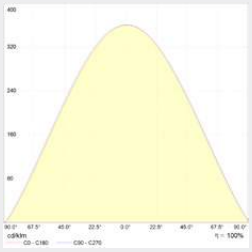
Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi
Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

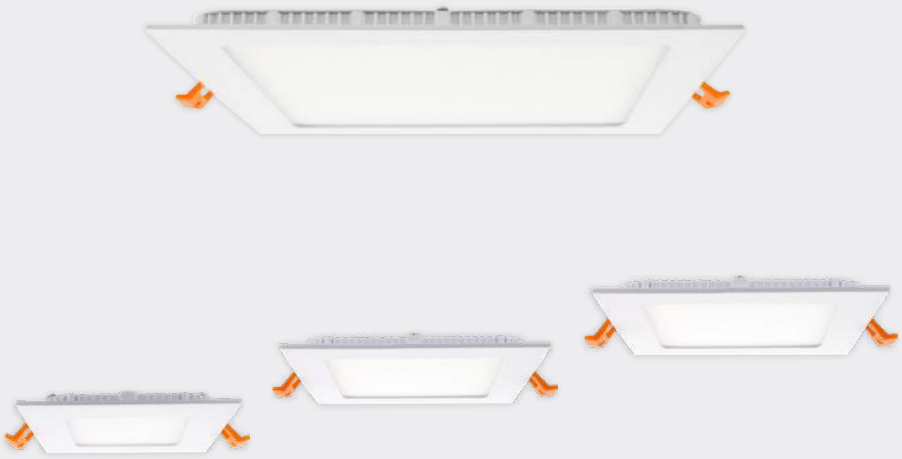
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
											Ø	h	a	b	h
1128-112-00	3	263	88	2700-6500K	0,12	13	0,1738	100	>0,95	74x74	85	10	600	630	460
1128-222-00	6	506	84	2700-6500K	0,17	18	0,1738	100	>0,95	106x106	120	10	600	630	460
1128-332-00	9	746	83	2700-6500K	0,23	14.8	0,1738	60	>0,95	134x134	145	10	600	630	460
1128-442-00	12	1008	84	2700-6500K	0,30	12.8	0,1738	40	>0,95	154x154	174	10	600	630	460
1128-552-00	15	1310	87	2700-6500K	0,37	16	0,1738	40	>0,95	182x182	200	10	600	630	460
1128-662-00	18	1555	86	2700-6500K	0,48	10.6	0,1738	20	>0,95	205x205	225	10	600	630	460
1128-772-00	24	2025	84	2700-6500K	0,89	10	0,1738	10	>0,95	276x276	300	10	600	630	460

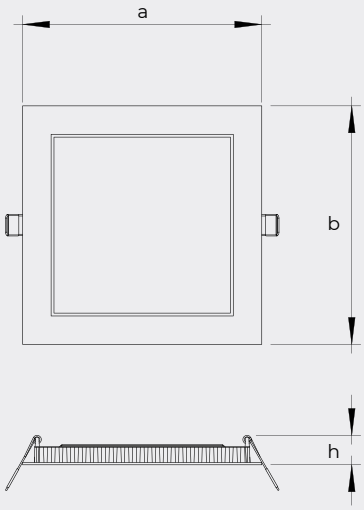
Etna

Sıva Altı Slim LED Panel Aydınlatma Armatürleri

Recessed Mounted Slim LED Panel Lighting Luminaires

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | CE | CRI 90 | CRI 80 | IK 02 | IP 20 | 230 V 50 Hz | LED





1-10V | DALI | 1-3 Saat

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 36.000 Saat Ömürlü / Mid Power LED / L70> 36.000 Hours / Mid Life Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

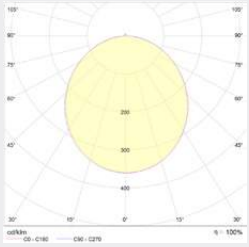
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

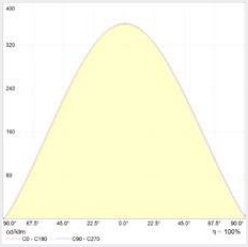
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

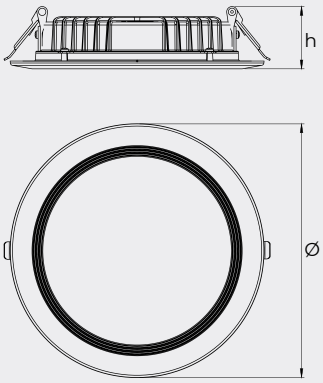
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
1127-112-00	3	263	88	2700-6500K	0,12	13	0,1738	100	>0,95	74x74	85	85	10	600	630	460
1127-222-00	6	506	84	2700-6500K	0,17	18	0,1738	100	>0,95	106x106	120	120	10	600	630	460
1127-332-00	9	746	83	2700-6500K	0,23	14.8	0,1738	60	>0,95	134x134	145	145	10	600	630	460
1127-442-00	12	1008	84	2700-6500K	0,30	12.8	0,1738	40	>0,95	154x154	174	174	10	600	630	460
1127-552-00	15	1310	87	2700-6500K	0,37	16	0,1738	40	>0,95	182x182	200	200	10	600	630	460
1127-662-00	18	1555	86	2700-6500K	0,48	10.6	0,1738	20	>0,95	205x205	225	225	10	600	630	460
1127-772-00	24	2025	84	2700-6500K	0,89	10	0,1738	10	>0,95	276x276	300	300	10	600	630	460

Frost

Sıva Altı LED Downlight Aydınlatma Armatürleri

Recessed Mounted Slim LED Panel Lighting Luminaires

LED | 230V 50Hz | IP20 | IK02 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

HOTEL | CAFÉ | MARKET | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde : Plastik Enjeksiyon
Body Plastic Injection

LED : L70> 36.000 Saat Ömürlü
Mid Power LED
L70> 36.000 Hours Life
Mid Power LED

Marka : SAMSUNG | OSRAM |
Brand

Optik : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
Optic High Efficient
UGR: <19 Opal Diffuser

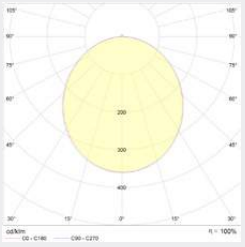
PCB : Isı İletkenliği Yüksek DOB PCB
High Conductive Heat-
Resistance DOB PCB

Sürücü: Pedaş Marka Yüksek Verimli
Driver Pedaş Brand High Efficient

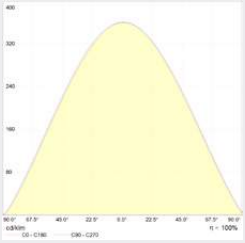
Marka : OSRAM | TRIDONIC | PHILIPS
Brand PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
											Ø	h	a	b	h
1125-112-00	6	1100	110	2700-6500K	0,07	6	0,1738	84	>0,95	Ø73-80	95	42	600	630	460
1125-222-00	9	1635	109	2700-6500K	0,10	8,6	0,1738	84	>0,95	Ø97-108	127	46	600	630	460
1125-332-00	15	2300	115	2700-6500K	0,20	9	0,1738	42	>0,95	Ø161-175	194	58	600	630	460
1125-442-00	20	3300	110	2700-6500K	0,35	8	0,1738	22	>0,95	Ø193-207	222,5	54,5	600	630	460

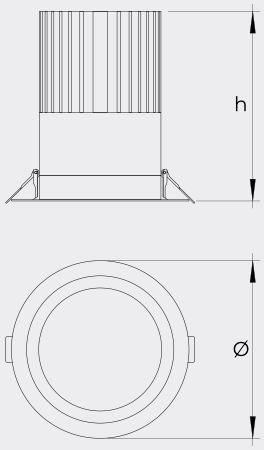
Vera

Sıva Altı LED Spot Aydınlatma Armatürü

Recessed Mounted LED Spot Lighting Luminaire

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | CE | CRI 90 | CRI 80 | IK 02 | IP 40 | 230 V 50 Hz | LED

24° 40° 60°



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

HOTEL | CAFÉ | MARKET | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Ekstrüzyon
Aluminum Extrusion

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü COB LED
L70> 50.000 Hours Life COB LED

Marka Brand : SAMSUNG | OSRAM

Optik Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör
High Efficient Glass & UGR: <19 Reflector

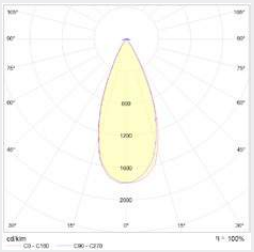
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü: Driver Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

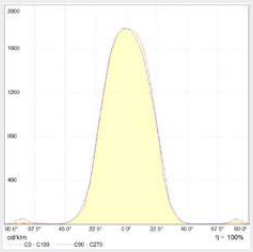
Marka Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

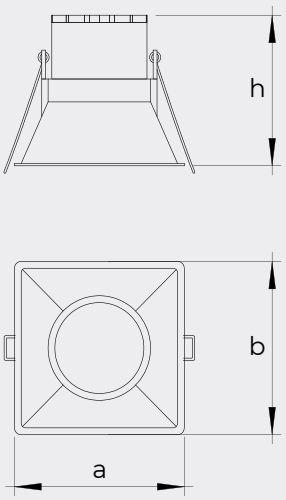
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
											Ø	h	a	b	h
1126-112-00	20	2400	120	2700-6500K	1	1,1	0,00348	1	>0,95	Ø100	119	126	160	160	135
1126-122-00	27	3186	118	2700-6500K	1	1,1	0,00348	1	>0,95	Ø100	119	126	160	160	135
1126-132-00	35	3920	112	2700-6500K	1	1,1	0,00348	1	>0,95	Ø100	119	126	160	160	135
1126-142-00	41	4510	110	2700-6500K	1	1,1	0,00348	1	>0,95	Ø100	119	126	160	160	135

Royal

Sıva Altı LED Spot Aydınlatma Armatürleri

Recessed Mounted LED Spot Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



24° 40° 60°

1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü COB LED / L70> 50.000 Hours Life COB LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör / High Efficient Glass & UGR: <19 Reflector

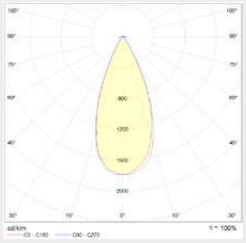
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

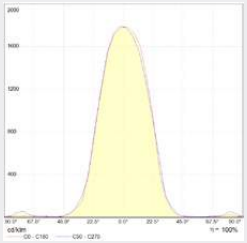
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
4105-113-00	5	590	118	2700-6500K	0,31	0,50	0,00088	1	>0,95	75x75	84	84	80	95	95	100
4105-223-00	10	1160	116	2700-6500K	0,35	0,55	0,00121	1	>0,95	85x85	100	100	80	110	110	110

Melly

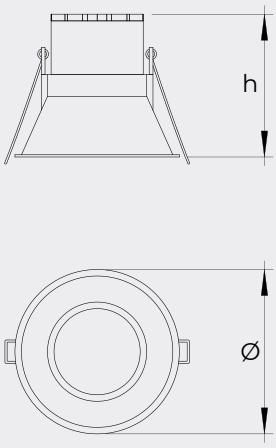
Sıva Altı LED Spot Aydınlatma Armatürleri

Recessed Mounted LED Spot Lighting Luminaires

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

CE | CRI 90 | CRI 80 | IK 02 | IP 40 | 230V 50Hz | LED

24° 40° 60°



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü COB LED / L70> 50.000 Hours Life COB LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör / High Efficient Glass & UGR: <19 Reflector

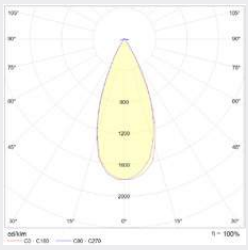
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

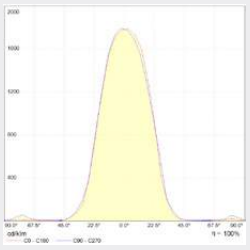
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

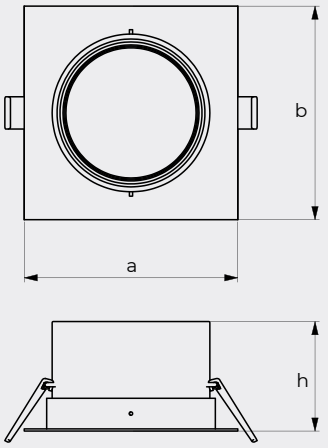
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
											Ø	h	a	b	h
4106-113-00	5	590	118	2700-6500K	0,31	0,50	0,00088	1	>0,95	Ø78	84	80	95	95	100
4106-223-00	10	1160	116	2700-6500K	0,35	0,55	0,00121	1	>0,95	Ø88	100	80	110	110	110

Mega

Sıva Altı LED Spot Aydınlatma Armatürleri

Recessed Mounted LED Spot Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü COB LED / L70> 50.000 Hours Life COB LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör / High Efficient Glass & UGR: <19 Reflector

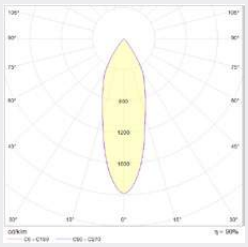
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

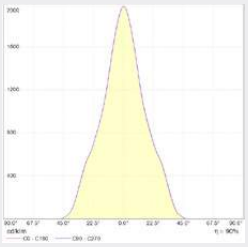
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
4103-113-00	10	1190	119	2700-6500K	0,31	0,90	0,00102	2	>0,95	Ø100	115	115	100	125	125	110
4103-223-00	30	3600	120	2700-6500K	1,3	1,47	0,00485	1	>0,95	Ø170	195	195	100	210	210	110
4103-222-00	30	3570	119	2700-6500K	1,3	1,47	0,00485	1	>0,95	165x165	195	195	100	210	210	110
4103-333-00	60	7260	121	2700-6500K	2,5	2,60	0,00832	1	>0,95	320x162	350	195	100	360	210	110

Siento

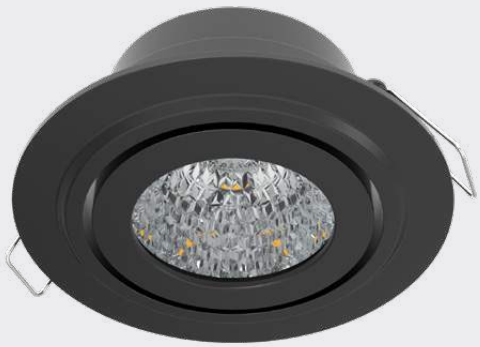
Sıva Altı LED Spot Aydınlatma Armatürü

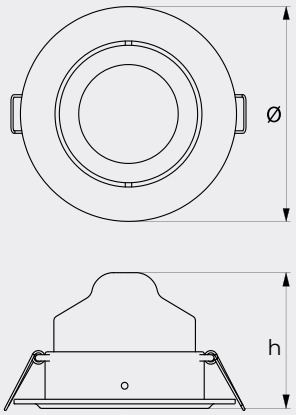
Recessed Mounted LED Spot Lighting Luminaire

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

CE | CRI 90 | CRI 80 | IK 02 | IP 40 | 230V 50Hz | LED

24° 40° 60°





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü COB LED / L70> 50.000 Hours Life COB LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör / High Efficient Glass & UGR: <19 Reflector

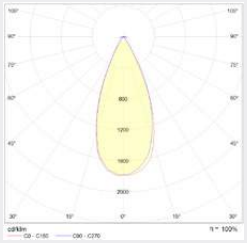
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

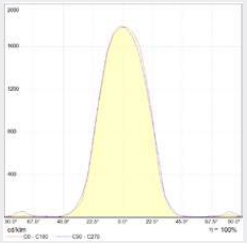
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

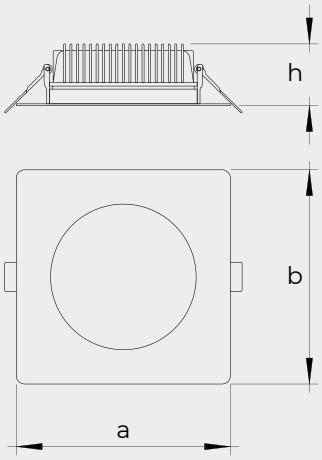
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
											Ø	h	a	b	h
4108-113-00	5	580	116	2700-6500K	0,22	0,34	0,00127	1	>0,95	Ø105	120	60	130	130	75
4108-123-00	10	1150	115	2700-6500K	0,27	0,39	0,00127	1	>0,95	Ø105	120	60	130	130	75

Bulky

Sıva Altı LED Spot Aydınlatma Armatürleri

Recessed Mounted LED Spot Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü COB LED / L70> 50.000 Hours Life COB LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör / High Efficient Glass & UGR: <19 Reflector

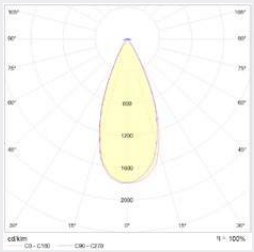
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

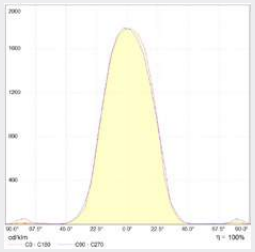
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
4107-112-00	7	945	135	2700-6500K	0,35	0,47	0,00126	1	>0,95	Ø85	97	97	55	110	110	100
4107-222-00	9	1215	135	2700-6500K	0,45	0,57	0,00177	1	>0,95	Ø105	117	117	55	127	127	100
4107-332-00	12,5	1662	133	2700-6500K	0,55	0,67	0,00275	1	>0,95	Ø130	147	147	55	158	158	100
4107-432-00	12,5	1662	133	2700-6500K	0,63	0,75	0,00376	1	>0,95	Ø160	175	175	55	185	185	100
4107-542-00	18	2340	130	2700-6500K	0,71	0,83	0,00485	1	>0,95	Ø175	195	195	55	210	210	100
4107-652-00	25	3250	130	2700-6500K	0,92	1,1	0,00618	1	>0,95	Ø210	227	227	55	237	237	100

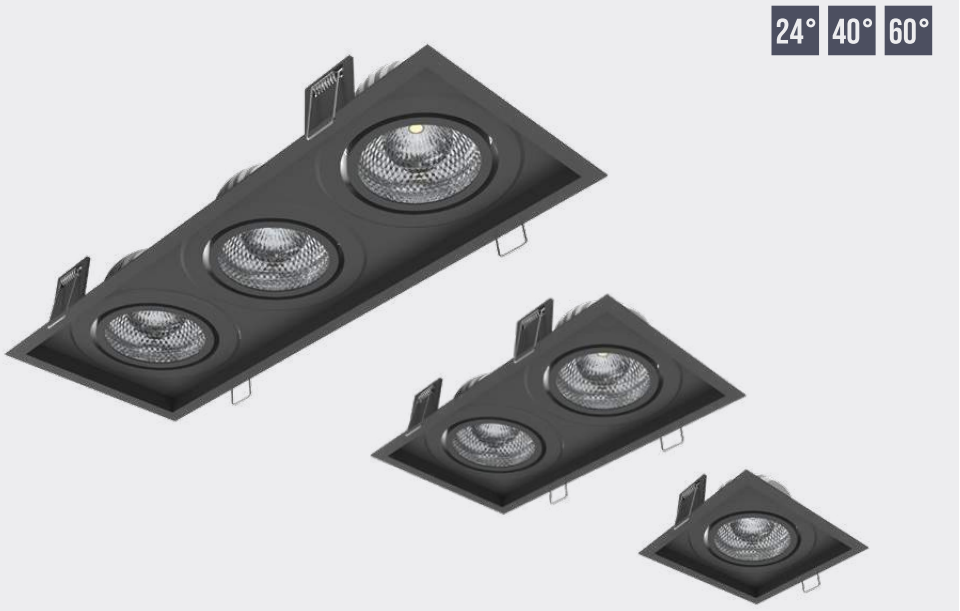
Lesa

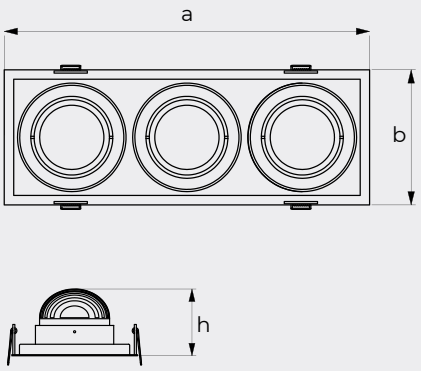
Sıva Altı LED Spot Aydınlatma Armatürleri

Recessed Mounted LED Spot Lighting Luminaires

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

CRI 90 | CRI 80 | IK 02 | IP 40 | 230V 50Hz | LED





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü COB LED / L70> 50.000 Hours Life COB LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör / High Efficient Glass & UGR: <19 Reflector

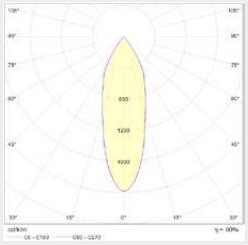
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

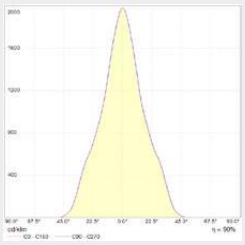
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

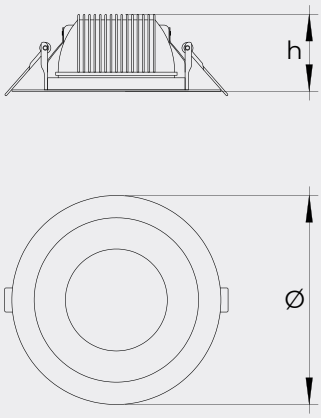
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
4104-113-00	10	1210	121	2700-6500K	0,45	0,60	0,00137	1	>0,95	105x105	122	122	65	135	135	75
4104-223-00	20	2400	120	2700-6500K	1,1	1,3	0,00432	1	>0,95	205x105	228	122	65	240	135	75
4104-333-00	30	3570	119	2700-6500K	1,6	1,8	0,00536	1	>0,95	310x105	330	122	65	340	135	75

Sera

Sıva Altı LED Spot Aydınlatma Armatürleri

Recessed Mounted LED Spot Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü COB LED / L70> 50.000 Hours Life COB LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör / High Efficient Glass & UGR: <19 Reflector

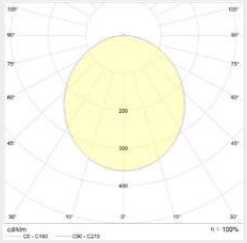
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

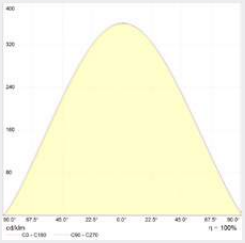
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

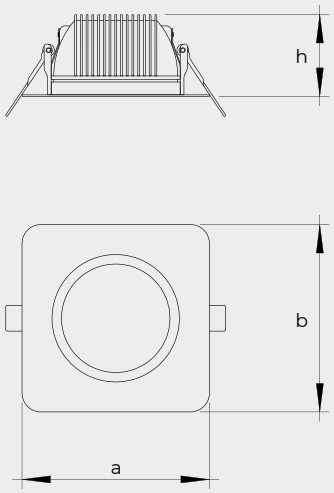
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
											Ø	h	a	b	h
4101-113-00	7	945	135	2700-6500K	0,35	0,47	0,00126	1	>0,95	Ø85	97	80	110	110	100
4101-223-00	9	1215	135	2700-6500K	0,45	0,57	0,00177	1	>0,95	Ø105	117	80	127	127	100
4101-333-00	12,5	1662	133	2700-6500K	0,55	0,67	0,00275	1	>0,95	Ø130	147	80	158	158	100
4101-433-00	12,5	1662	133	2700-6500K	0,63	0,75	0,00376	1	>0,95	Ø160	175	80	185	185	100
4101-543-00	18	2340	130	2700-6500K	0,71	0,83	0,00485	1	>0,95	Ø175	192	80	210	210	100
4101-653-00	25	3250	130	2700-6500K	0,92	1,1	0,00618	1	>0,95	Ø210	227	80	237	237	100

Esse

Sıva Altı LED Spot Aydınlatma Armatürleri

Recessed Mounted LED Spot Lighting Luminaires

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü / L70> 50.000 Hours Life
Mid Power LED
Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip / High Efficient
UGR: <19 Opal Difüzör / UGR: <19 Opal Diffuser

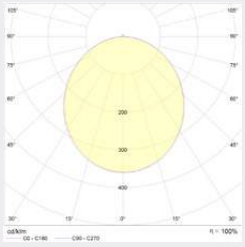
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

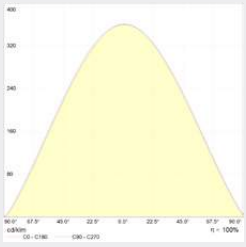
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

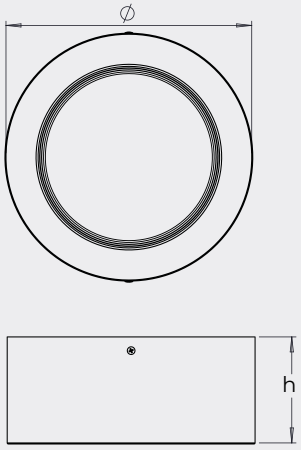
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
4102-113-00	8	1024	125	2700-6500K	0,35	0,47	0,00126	1	>0,95	85x85	97	97	80	110	110	100
4102-223-00	10	1250	125	2700-6500K	0,45	0,57	0,00177	1	>0,95	105x105	117	117	80	127	127	100
4102-333-00	12,5	1562	125	2700-6500K	0,55	0,67	0,00275	1	>0,95	130x130	147	147	80	158	158	100
4102-443-00	20	2480	124	2700-6500K	0,63	0,75	0,00376	1	>0,95	160x160	175	175	80	185	185	100
4102-553-00	25	3075	123	2700-6500K	0,71	0,83	0,00485	1	>0,95	175x175	195	195	80	210	210	100
4102-663-00	30	3660	122	2700-6500K	0,92	1,1	0,00618	1	>0,95	210x210	227	227	80	237	237	100

Up Stark

Sıva Üstü LED Downlight Aydınlatma Armatürleri

Surface Mounted LED Downlight Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | CE | TSE | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü / Mid Power LED / L70> 50.000 Hours Life / Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

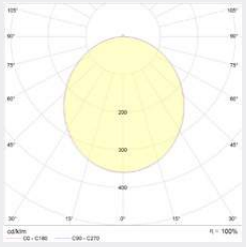
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

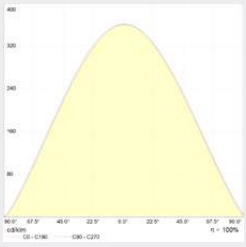
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
1250-112-00	10	1044	104	2700-6500K	0,3	6	0,0012	20	>0,95	100	100	600	630	460
1250-222-00	15	1402	94	2700-6500K	0,5	12	0,0426	20	>0,95	133	100	600	630	460
1250-332-00	20	2325	116	2700-6500K	0,8	17	0,0993	20	>0,95	200	100	600	630	460
1250-442-00	30	3235	108	2700-6500K	1,1	14,5	0,0866	10	>0,95	233	100	600	630	460

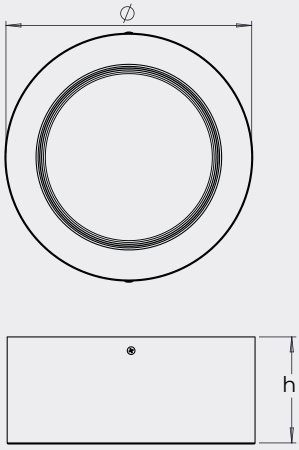
Up Frost

Sıva Üstü LED Downlight Aydınlatma Armatürleri

Surface Mounted LED Downlight Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

CRI 90 | CRI 80 | IK 02 | IP 40 | 230V 50Hz | LED



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Plastik Enjeksiyon & DKP Sac
Plastic Injection & DKP Sheet

LED : L70> 36.000 Saat Ömürlü
Mid Power LED
L70> 36.000 Hours Life
Mid Power LED

Marka / Brand : SAMSUNG | OSRAM

Optik / Optic : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
High Efficient Glass
UGR: <19 Opal Diffuser

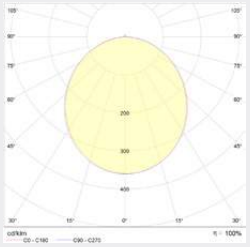
PCB : Isı İletkenliği Yüksek DOB PCB
High Conductive Heat-Resistance DOB PCB

Sürücü: Driver Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

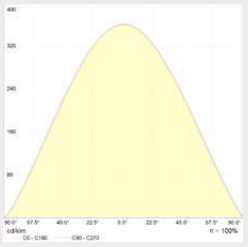
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

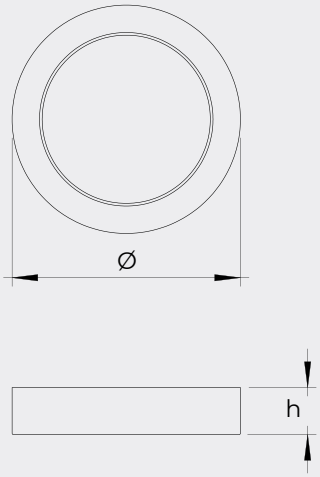
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
1225-112-00	6	1100	110	2700-6500K	0,20	17	0,18144	84	>0,95	95	62	600	630	480
1225-222-00	9	1635	109	2700-6500K	0,25	21,2	0,18144	84	>0,95	127	66	600	630	480
1225-332-00	15	2300	115	2700-6500K	0,30	12,6	0,18144	42	>0,95	194	66	600	630	480
1225-442-00	20	3300	110	2700-6500K	0,45	10	0,18144	22	>0,95	222,5	70	600	630	480

Selon

Sıva Üstü Slim LED Panel Aydınlatma Armatürleri

Surface Mounted Slim LED Panel Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Difüzör / High Efficient UGR: <19 Difüzör

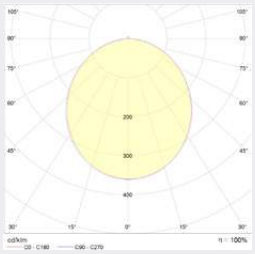
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

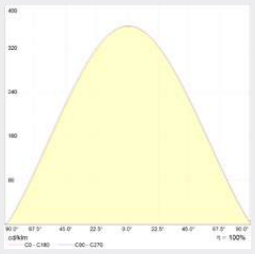
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

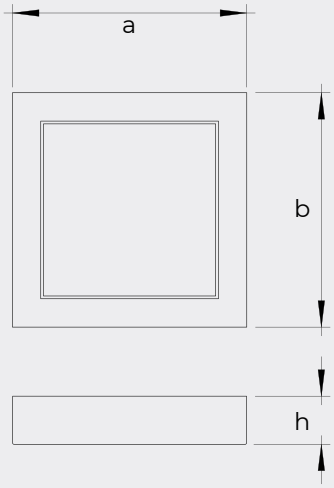
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
1232-112-00	6	504	84	2700-6500K	0,22	16	0,152561	70	>0,95	120	39	610	610	400
1232-222-00	12	1008	84	2700-6500K	0,40	24	0,152561	60	>0,95	174	39	610	610	400
1232-332-00	18	1555	86	2700-6500K	0,55	29	0,152561	50	>0,95	225	39	610	610	400
1232-442-00	24	2025	84	2700-6500K	0,9	34	0,152561	40	>0,95	300	39	610	610	400

Mest

Sıva Üstü Slim LED Panel Aydınlatma Armatürleri

Surface Mounted Slim LED Panel Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü / L70> 50.000 Hours Life
Mid Power LED
Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip / High Efficient
UGR: <19 Difüzör / UGR: <19 Diffuser

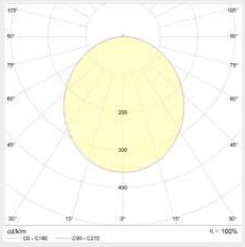
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

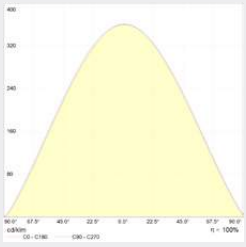
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

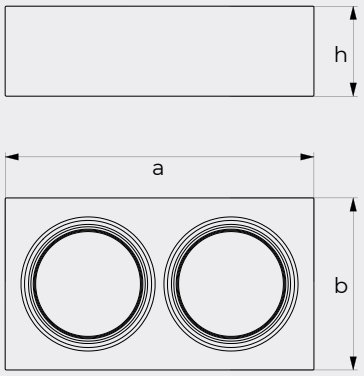
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1231-112-00	6	504	84	2700-6500K	0,25	19	0,14884	70	>0,95	120	120	39	610	610	400
1231-222-00	12	1032	86	2700-6500K	0,47	29	0,14884	60	>0,95	174	174	39	610	610	400
1231-332-00	18	1476	82	2700-6500K	0,72	50	0,14884	50	>0,95	225	225	39	610	610	400
1231-442-00	24	2064	86	2700-6500K	1,1	42	0,14884	40	>0,95	300	300	39	610	610	400

Up Mega

Sıva Üstü LED Spot Aydınlatma Armatürleri

Surface Mounted LED Spot Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü COB LED / L70> 50.000 Hours Life COB LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör / High Efficient & UGR: <19 Reflector

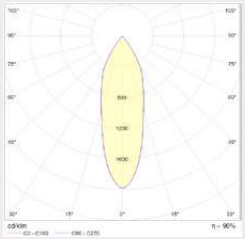
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

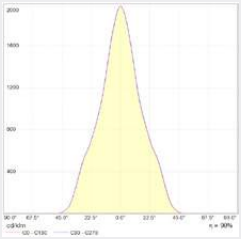
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
4203-223-00	30	3630	121	2700-6500K	2,3	2,4	0,00662	1	>0,95	195	195	140	210	210	150
4203-333-00	60	7200	120	2700-6500K	4	4,1	0,01134	1	>0,95	350	195	140	360	360	150

Melony

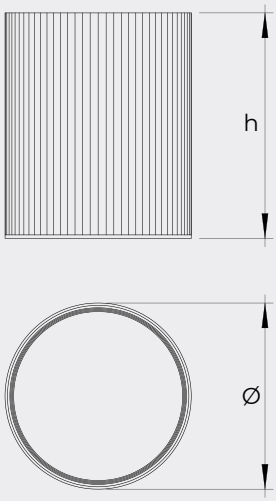
Sıva Üstü LED Spot Aydınlatma Armatürü

Surface Mounted LED Spot Lighting Luminaire

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

CE | CRI 90 | CRI 80 | IK 02 | IP 40 | 230V 50Hz | LED

24° 40° 60°



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü COB LED / L70> 50.000 Hours Life COB LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör / High Efficient & UGR: <19 Reflector

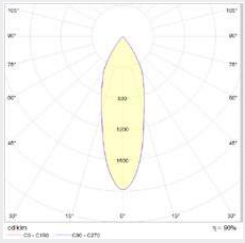
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

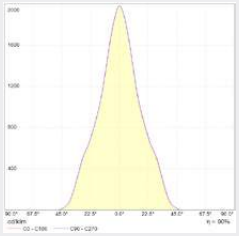
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
4216-112-00	15	1950	130	2700-6500K	1	1,1	0,00109	1	>0,95	125	130	130	130	140
4216-122-00	20	2560	128	2700-6500K	1,3	1,4	0,00109	1	>0,95	125	130	130	130	140
4216-132-00	30	3810	127	2700-6500K	1,7	1,8	0,00109	1	>0,95	125	130	130	130	140

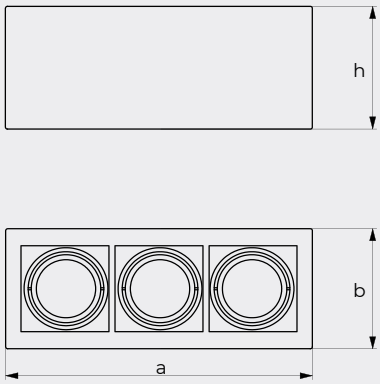
Samba

Sıva Üstü LED Spot Aydınlatma Armatürleri

Surface Mounted LED Spot Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | CE

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFE | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü COB LED / L70> 50.000 Hours Life COB LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör / High Efficient Glass & UGR: <19 Reflector

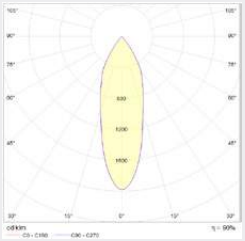
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

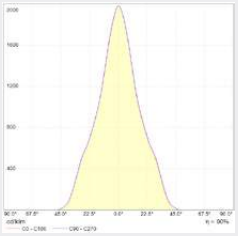
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h	**Koli Boyutları** Box Dimensions **(mm)** a	b	h
4217-113-00	10	1210	121	2700-6500K	0,7	1	0,00237	1	>0,95	120	120	120	135	135	130
4217-223-00	20	2400	120	2700-6500K	1	1,6	0,00404	1	>0,95	220	120	120	230	135	130
4217-333-00	30	3570	119	2700-6500K	2	2,2	0,00544	1	>0,95	300	120	120	310	135	130

Rumba

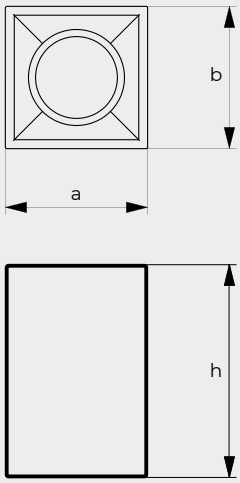
Sıva Üstü LED Spot Aydınlatma Armatürleri

Surface Mounted LED Spot Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

CRI 90 | CRI 80 | IK 02 | IP 40 | 230V 50Hz | LED

24° 40° 60°



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü COB LED / L70> 50.000 Hours COB LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör / High Efficient Glass & UGR: <19 Reflector

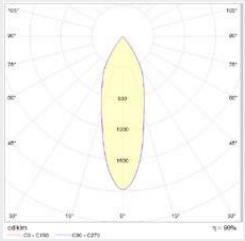
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

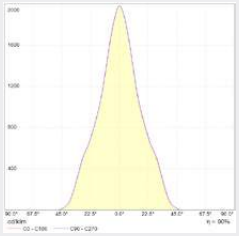
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

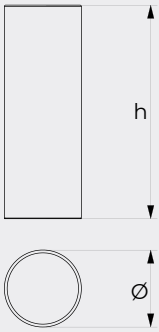
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
4218-113-00	8	1000	125	2700-6500K	0,5	0,6	0,00105	1	>0,95	80	80	120	90	90	130
4218-123-00	10	1220	122	2700-6500K	0,5	0,6	0,00105	1	>0,95	80	80	120	90	90	130
4218-233-00	13	1560	120	2700-6500K	0,5	0,6	0,00157	1	>0,95	100	100	120	110	110	130

Elis

Sıva Üstü & Sarkıt Dekoratif LED Aydınlatma Armatürleri

Surface & Pendant Decorative LED Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



24° 40° 60°

1-10V | Bluetooth | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü COB LED / L70> 50.000 Hours Life COB LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör / High Efficient Glass & UGR: <19 Reflector

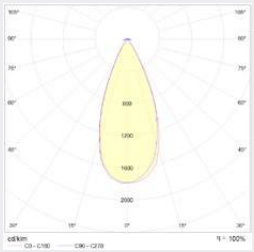
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

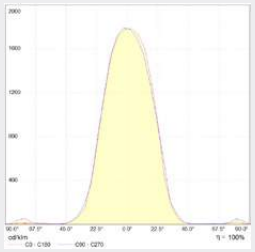
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
4219-113-00	8	968	121	2700-6500K	1	1,1	0,00109	1	>0,95	60-80	125	90	90	135
4219-123-00	10	1200	120	2700-6500K	1	1,1	0,00109	1	>0,95	60-80	125	90	90	135
4219-133-00	12	1440	120	2700-6500K	1	1,1	0,00109	1	>0,95	60-80	125	90	90	135
4219-143-00	15	1800	120	2700-6500K	1	1,1	0,00109	1	>0,95	60-80	125	90	90	135

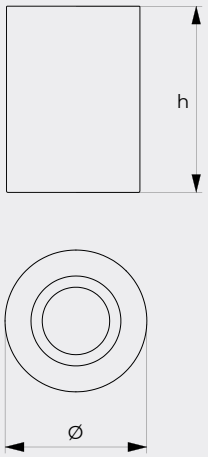
Marsy

Sıva Üstü LED Spot Aydınlatma Armatürleri

Surface Mounted LED Spot Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

CRI 90 | CRI 80 | IK 02 | IP 40 | 230V 50Hz | LED



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü COB LED / L70> 50.000 Hours Life COB LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör / High Efficient Glass & UGR: <19 Reflector

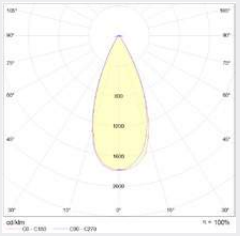
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

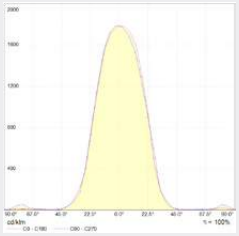
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve

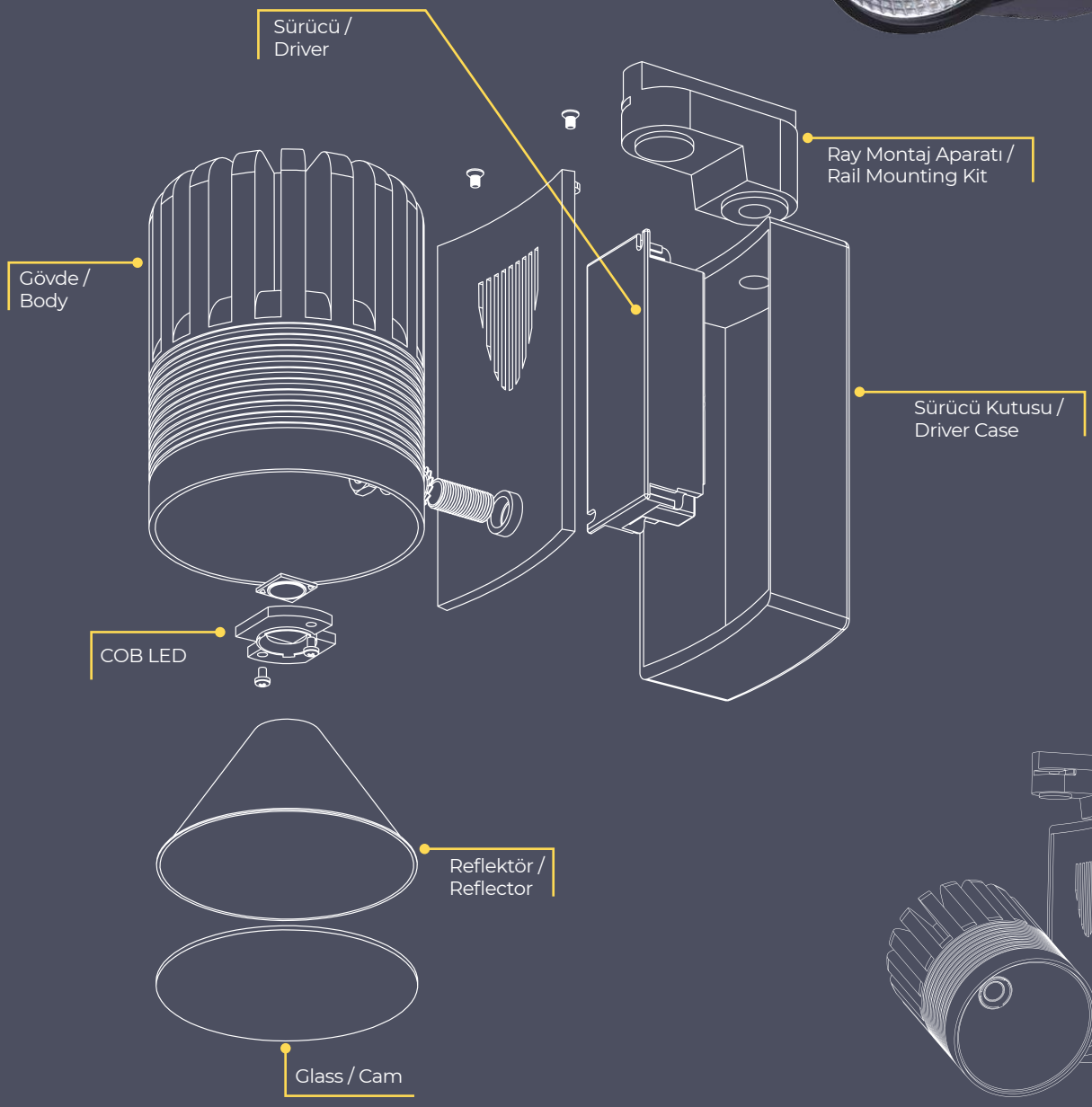


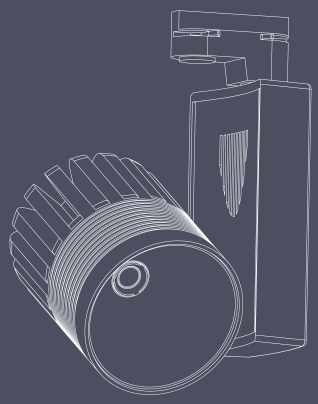
Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
4220-113-00	8	968	121	2700-6500K	0,5	1,1	0,00157	1	>0,95	80-100	120	110	110	130
4220-123-00	10	1200	120	2700-6500K	0,5	1,1	0,00157	1	>0,95	80-100	120	110	110	130
4220-133-00	12	1460	122	2700-6500K	0,5	1,1	0,00157	1	>0,95	80-100	120	110	110	130

Sıva Üstü LED Ray Spot Aydınlatma Armatürleri

Surface Mounted LED Track Light Luminaires





99 • **Belisa**
100 • **Galon**
101 • **Genova**
102 • **Planet**

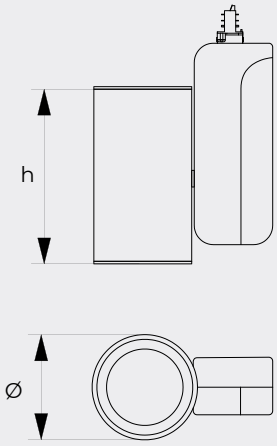
Belisa

Sıva Üstü LED Ray Spot Aydınlatma Armatürü

Surface Mounted LED Track Light Luminaire

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | CE

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



24° 40° 60°

1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat | 360° | MONO PHASE | THREE PHASE

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü COB LED / L70> 50.000 Hours Life COB LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör / High Efficient Glass & UGR: <19 Reflector

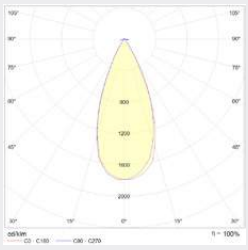
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

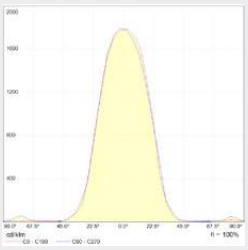
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
4221-113-00	10	1220	122	2700-6500K	1	1,1	0,00109	1	>0,95	125	130	150	150	140
4221-123-00	20	2400	120	2700-6500K	1	1,1	0,00109	1	>0,95	125	130	150	150	140
4221-123-00	20	2400	120	2700-6500K	1,1	1,2	0,00109	1	>0,95	125	130	150	150	140
4221-133-00	30	3540	118	2700-6500K	1,3	1,4	0,00109	1	>0,95	125	130	150	150	140
4221-133-00	30	3540	118	2700-6500K	1,4	1,5	0,00109	1	>0,95	125	130	150	150	140

Galon

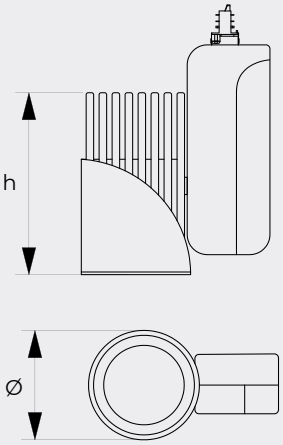
Sıva Üstü LED Ray Spot Aydınlatma Armatürü

Surface Mounted LED Track Light Luminaire

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

CRI 90 | CRI 80 | IK 02 | IP 40 | 230V 50Hz | LED

24° 40° 60°



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat | MONO PHASE | THREE PHASE

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü COB LED / L70> 50.000 Hours Life COB LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör / High Efficient Glass & UGR: <19 Reflector

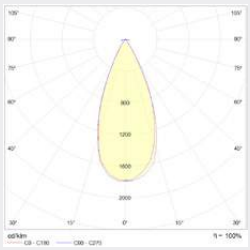
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

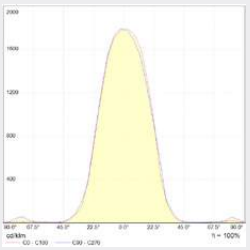
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

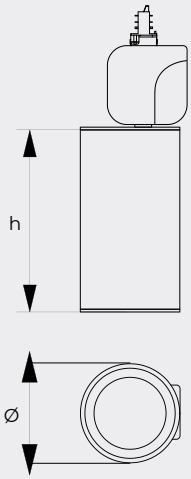
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
4222-113-00	20	2400	120	2700-6500K	1,3	1,4	0,00109	1	>0,95	125	150	135	135	155
4222-123-00	30	3630	121	2700-6500K	1,5	1,6	0,00109	1	>0,95	125	150	135	135	155
4222-133-00	40	4800	120	2700-6500K	1,7	1,8	0,00109	1	>0,95	125	150	135	135	155

Genova

Sıva Üstü LED Ray Spot Aydınlatma Armatürü

Surface Mounted LED Track Light Luminaire

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



24° 40° 60°

1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat | 360° | MONO PHASE | THREE PHASE

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü COB LED / L70> 50.000 Hours COB LED LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör / High Efficient Glass & UGR: <19 Reflector

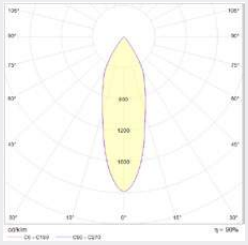
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

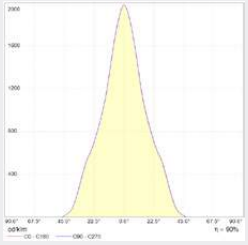
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
4223-113-00	8	992	124	2700-6500K	0,4	0,5	0,00931	1	>0,95	60	180	70	70	190
4223-123-00	10	1220	122	2700-6500K	0,5	0,6	0,00931	1	>0,95	60	180	70	70	190
4223-133-00	12	1440	120	2700-6500K	0,6	0,7	0,00931	1	>0,95	60	180	70	70	190

Planet

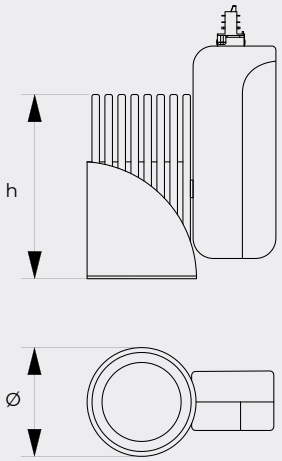
Sıva Üstü LED Ray Spot Aydınlatma Armatürü

Surface Mounted LED Track Light Luminaire

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

CE | CRI 90 | CRI 80 | IK 02 | IP 40 | 230V 50Hz | LED

24° 40° 60°



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat | 180° | MONO PHASE | THREE PHASE

MAĞAZA | MARKET | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü COB LED / L70> 50.000 Hours Life COB LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & UGR: <19 Reflektör / High Efficient Glass & UGR: <19 Reflector

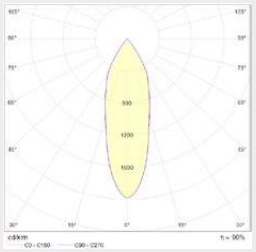
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

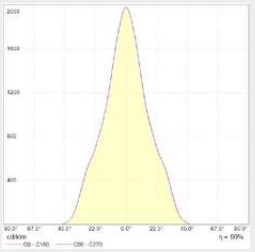
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve

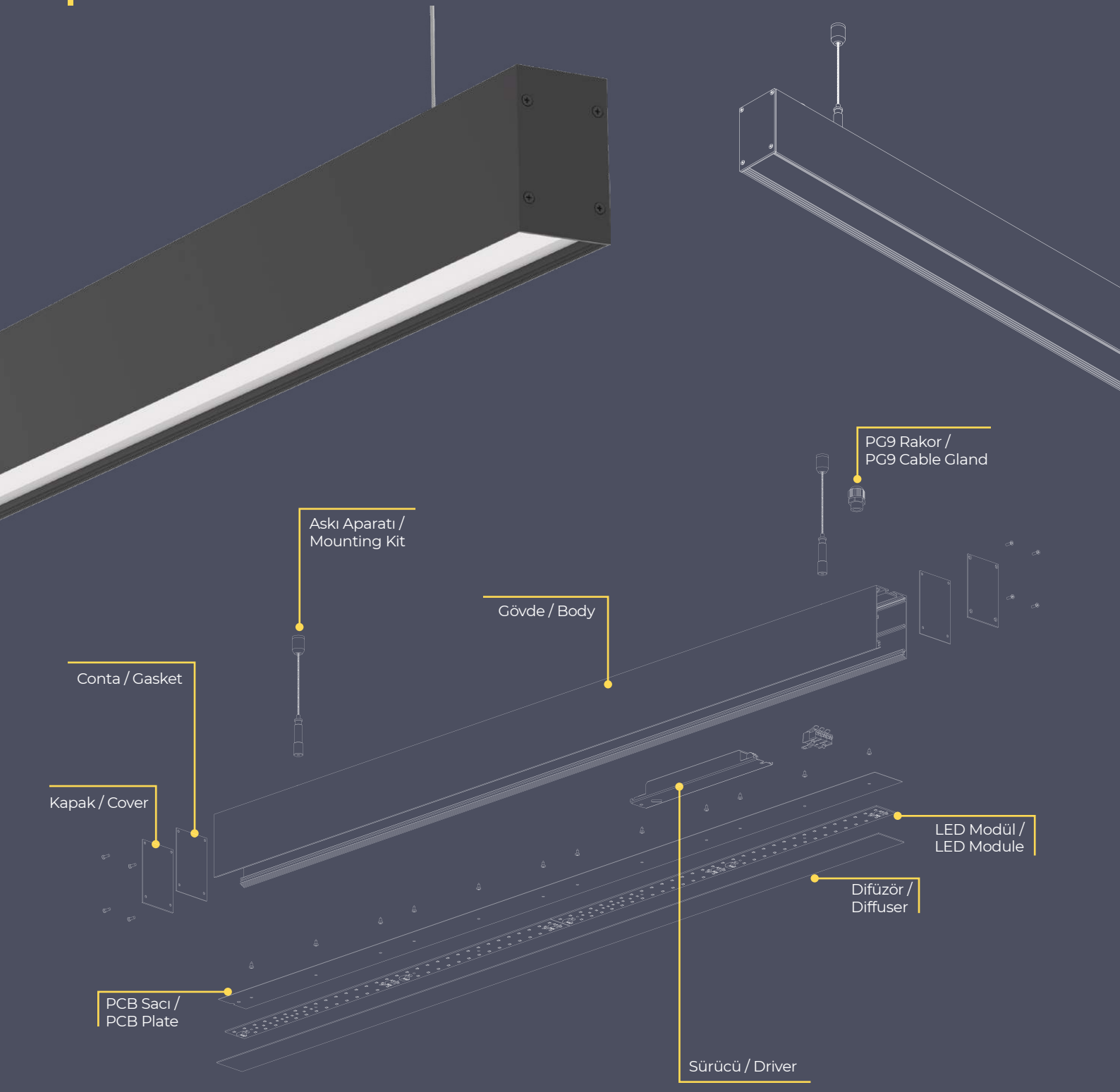


Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
4224-113-00	20	2400	120	2700-6500K	0,8	1	0,00715	1	>0,95	90	120	100	100	130
4224-123-00	30	3540	118	2700-6500K	0,8	1	0,00715	1	>0,95	90	120	100	100	130
4224-133-00	40	4680	117	2700-6500K	0,8	1	0,00715	1	>0,95	90	120	100	100	130

Sıva Altı & Sıva Üstü Lineer Aydınlatma Armatürleri

Recessed & Surface Mounted Linear Lighting Luminaires



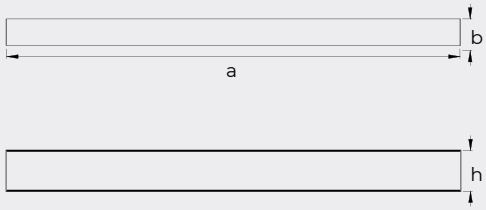
105 • Khora P
106 • Khora S
107 • Venta P
108 • Venta S
109 • Urban P
110 • Urban S
109 • Freya
110 • Urban R
111 • Dasy P
112 • Dasy R
113 • Axis P
114 • Axis R
115 • Vidi

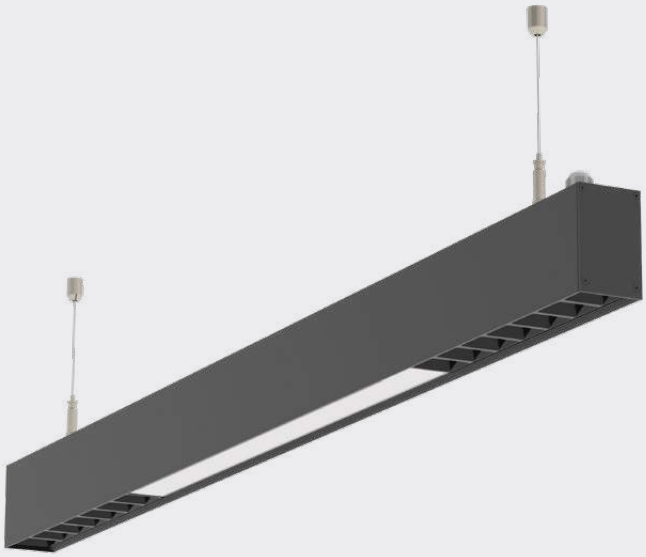
Khora P

Sarkıt LED Lineer Aydınlatma Armatürleri

Pendant LED Linear Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü / L70> 50.000 Hours Life
Mid Power LED
Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör & Lens / High Efficient UGR: <19 Opal Diffuser & Lens

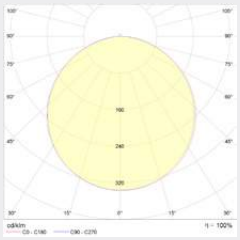
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

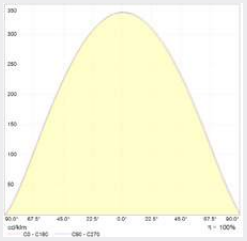
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

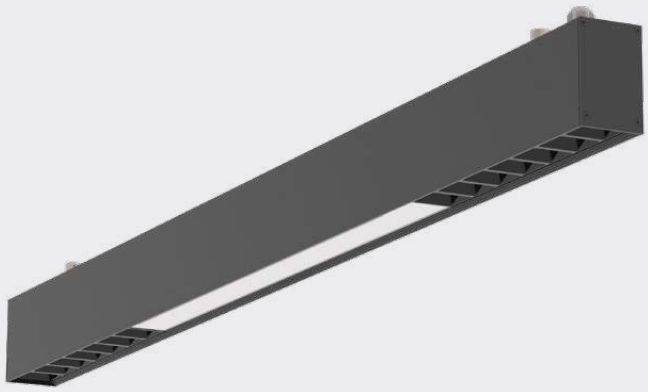
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h	**Koli Boyutları** Box Dimensions **(mm)** a	b	h
1237-112-00	8	960	120	2700-6500K	0,6	1,4	0,003294	1	>0,95	300	55	86	310	60	90
1237-222-00	16	1888	118	2700-6500K	1,2	3	0,004915	1	>0,95	600	55	86	610	60	90
1237-332-00	24	2832	118	2700-6500K	2,7	4,5	0,006534	1	>0,95	900	55	86	910	60	90
1237-442-00	32	3744	117	2700-6500K	4,2	5,5	0,008154	1	>0,95	1200	55	86	1210	60	90
1237-112-00	38	4408	116	2700-6500K	5,2	1,4	0,003294	1	>0,95	1500	55	86	1510	60	90
1237-222-00	47	5452	116	2700-6500K	6	3	0,004915	1	>0,95	1800	55	86	1810	60	90
1237-332-00	56	6440	115	2700-6500K	8	4,5	0,006534	1	>0,95	2100	55	86	2110	60	90
1237-442-00	64	7168	112	2700-6500K	8,4	5,5	0,008154	1	>0,95	2400	55	86	2410	60	90
1237-332-00	72	7920	110	2700-6500K	9	4,5	0,006534	1	>0,95	2700	55	86	2710	60	90
1237-442-00	80	8800	110	2700-6500K	10,5	5,5	0,008154	1	>0,95	3000	55	86	3010	60	90

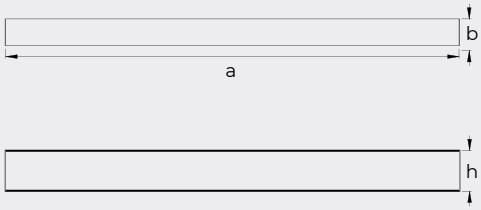
Khora S

Sıva Üstü LED Lineer Aydınlatma Armatürleri

Surface Mounted LED Linear Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü / Mid Power LED / L70> 50.000 Hours Life / Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör & Lens / High Efficient UGR: <19 Opal Diffuser & Lens

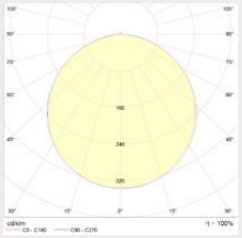
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

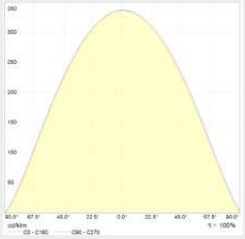
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1237-112-00	8	960	120	2700-6500K	0,6	1,4	0,003294	1	>0,95	300	55	86	310	60	90
1237-222-00	16	1888	118	2700-6500K	1,2	3	0,004915	1	>0,95	600	55	86	610	60	90
1237-332-00	24	2832	118	2700-6500K	2,7	4,5	0,006534	1	>0,95	900	55	86	910	60	90
1237-442-00	32	3744	117	2700-6500K	4,2	5,5	0,008154	1	>0,95	1200	55	86	1210	60	90
1237-112-00	38	4408	116	2700-6500K	5,2	1,4	0,003294	1	>0,95	1500	55	86	1510	60	90
1237-222-00	47	5452	116	2700-6500K	6	3	0,004915	1	>0,95	1800	55	86	1810	60	90
1237-332-00	56	6440	115	2700-6500K	8	4,5	0,006534	1	>0,95	2100	55	86	2110	60	90
1237-442-00	64	7168	112	2700-6500K	8,4	5,5	0,008154	1	>0,95	2400	55	86	2410	60	90
1237-332-00	72	7920	110	2700-6500K	9	4,5	0,006534	1	>0,95	2700	55	86	2710	60	90
1237-442-00	80	8800	110	2700-6500K	10,5	5,5	0,008154	1	>0,95	3000	55	86	3010	60	90

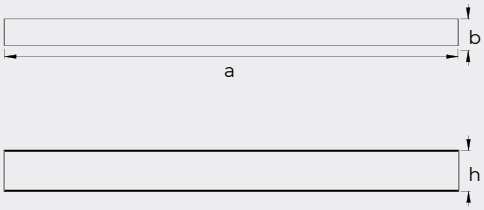
Venta P

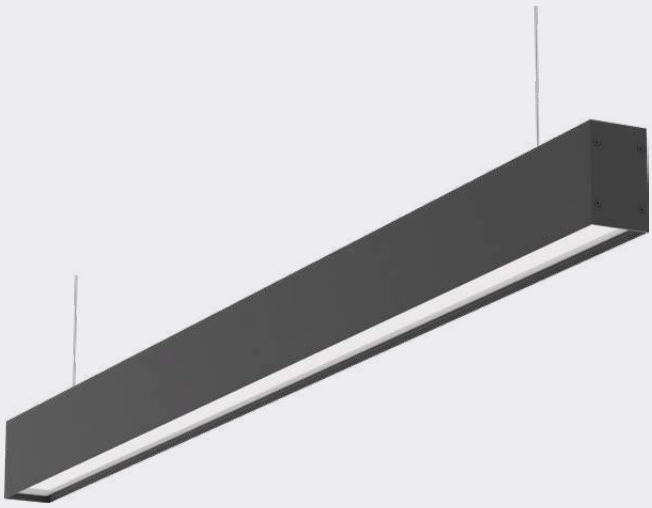
Sarkıt LED Lineer Aydınlatma Armatürleri

Pendant LED Linear Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | CE

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | HOTEL | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü / L70> 50.000 Hours Life
Mid Power LED
Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip / High Efficient
UGR: <19 Opal Difüzör / UGR: <19 Opal Diffuser

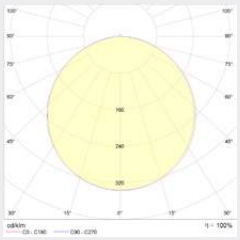
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

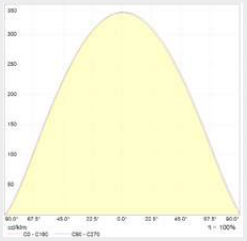
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

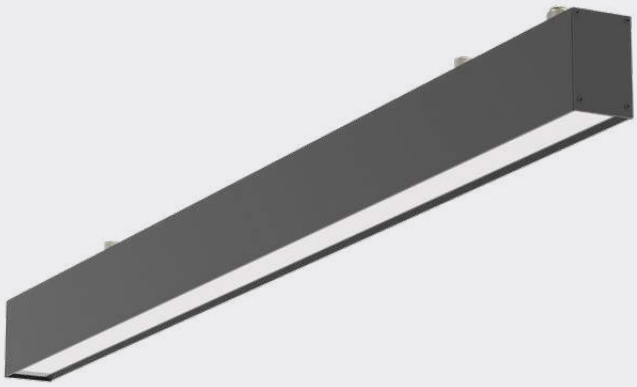
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1237-112-00	19	1482	78	2700-6500K	1,2	1,4	0,003294	1	>0,95	600	55	86	610	60	90
1237-222-00	28	2128	76	2700-6500K	2,7	3	0,004915	1	>0,95	900	55	86	910	60	90
1237-332-00	37	2738	74	2700-6500K	4,2	4,5	0,006534	1	>0,95	1200	55	86	1210	60	90
1237-442-00	46	3312	72	2700-6500K	5,25	5,5	0,008154	1	>0,95	1500	55	86	1510	60	90

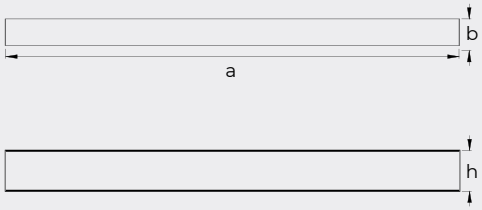
Venta S

Sıva Üstü LED Lineer Aydınlatma Armatürleri

Surface Mounted LED Linear Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü / Mid Power LED / L70> 50.000 Hours Life / Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

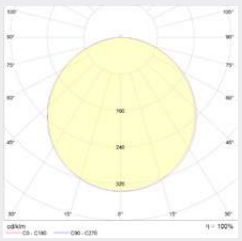
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

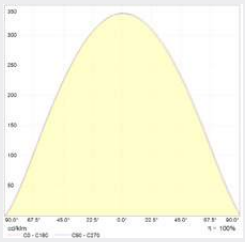
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

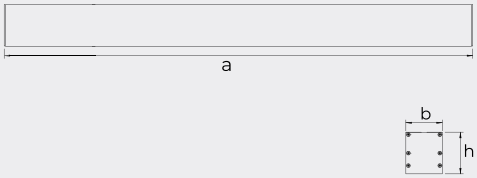
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1238-112-00	19	1482	78	2700-6500K	1,2	1,4	0,003294	1	>0,95	600	55	86	610	60	90
1238-222-00	28	2128	76	2700-6500K	2,7	3	0,004915	1	>0,95	900	55	86	910	60	90
1238-332-00	37	2738	74	2700-6500K	4,2	4,5	0,006534	1	>0,95	1200	55	86	1210	60	90
1238-442-00	46	3312	72	2700-6500K	5,25	5,5	0,008154	1	>0,95	1500	55	86	1510	60	90

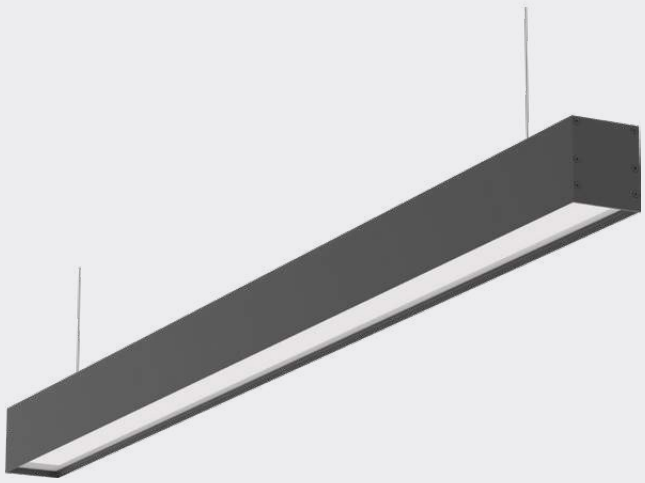
Urban P

Sarkıt LED Lineer Aydınlatma Armatürleri

Pendant LED Linear Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | HOTEL | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

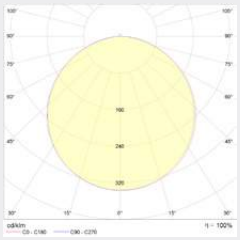
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

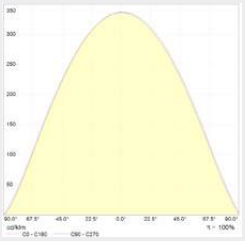
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

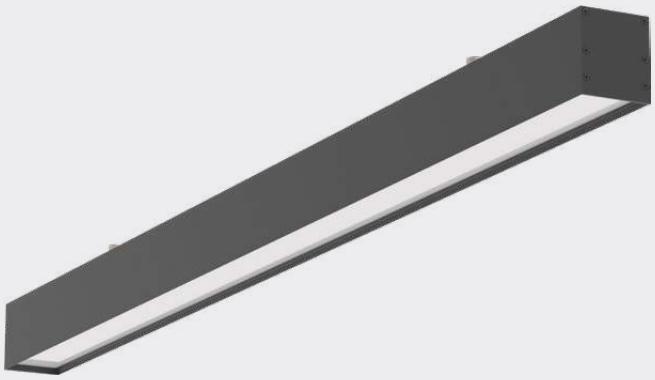
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1234-112-00	19	1482	78	2700-6500K	1	1,2	0,003416	1	>0,95	600	64	73	610	70	80
1234-222-00	28	2128	76	2700-6500K	1,5	1,7	0,005096	1	>0,95	900	64	73	910	70	80
1234-332-00	37	2738	74	2700-6500K	2	2,4	0,006776	1	>0,95	1200	64	73	1210	70	80
1234-442-00	46	3312	72	2700-6500K	2,4	3	0,008456	1	>0,95	1500	64	73	1510	70	80

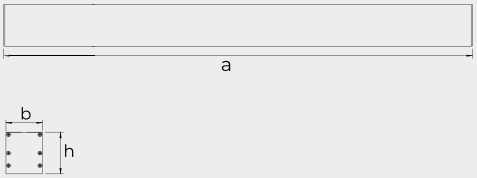
Urban S

Sıva Üstü LED Lineer Aydınlatma Armatürleri

Surface Mounted LED Linear Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde : Alüminyum Ekstrüzyon
Body Aluminum Extrusion

Boya : Elektrostatik Toz Boya
Paint Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours Life
Mid Power LED

Marka : OSRAM | SAMSUNG
Brand

Optik : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
Optic High Efficient
UGR: <19 Opal Diffuser

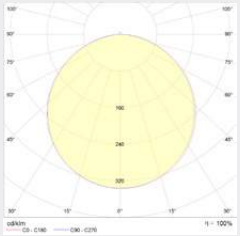
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü: Yüksek Verimli ENEC Sertifikalı
Driver High Efficient ENEC Certified

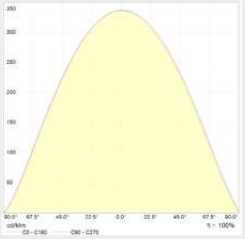
Marka : OSRAM | TRIDONIC | PHILIPS
Brand

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

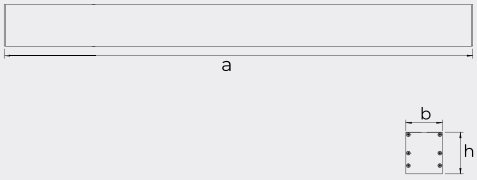
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1233-112-00	19	1482	78	2700-6500K	1	1,2	0,003416	1	>0,95	600	64	73	610	70	80
1233-222-00	28	2128	76	2700-6500K	1,5	1,7	0,005096	1	>0,95	900	64	73	910	70	80
1233-332-00	37	2738	74	2700-6500K	2	2,4	0,006776	1	>0,95	1200	64	73	1210	70	80
1233-442-00	46	3312	72	2700-6500K	2,4	3	0,008456	1	>0,95	1500	64	73	1510	70	80

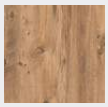
Freya

Sarkıt LED Lineer Aydınlatma Armatürleri

Pendant LED Linear Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778




Atlantik Çam

Marbella

Beyaz Huş

Bambu

1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | HOTEL | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Ahşap / Wooden

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours Life
Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
High Efficient
UGR: <19 Opal Diffuser

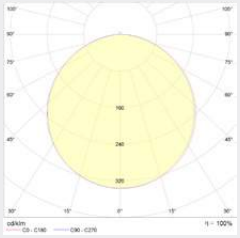
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

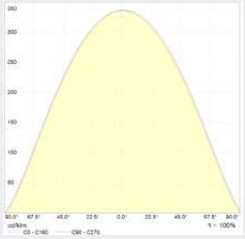
Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve


Kutup Eğrisi
Polar Curve


Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1240-112-00	20	1482	78	2700-6500K	1	1,1	0,003294	1	>0,95	600	55	86	610	60	90
1240-222-00	30	2128	76	2700-6500K	2	2,1	0,004915	1	>0,95	900	55	86	910	60	90
1240-332-00	40	2738	74	2700-6500K	3	3,1	0,006534	1	>0,95	1200	55	86	1210	60	90
1240-442-00	50	3312	72	2700-6500K	4	4,1	0,008154	1	>0,95	1500	55	86	1510	60	90

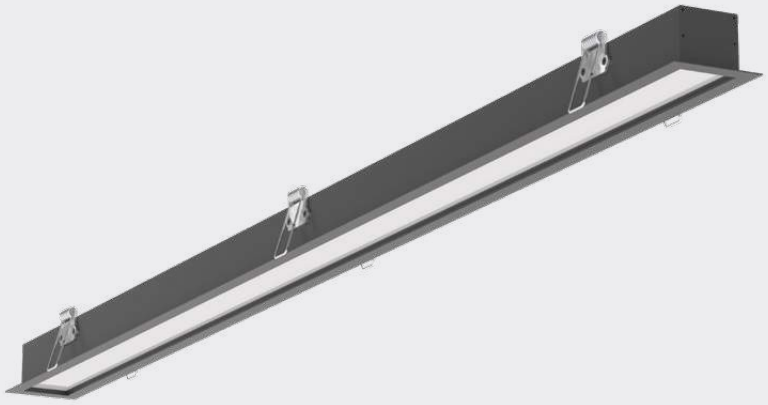
Urban R

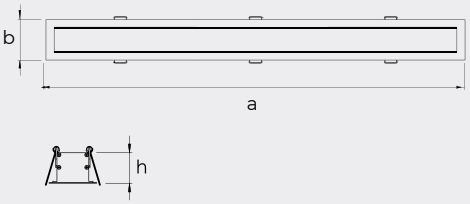
Sıva Altı LED Lineer Aydınlatma Armatürleri

Recessed Mounted LED Linear Lighting Luminaires

EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

CE | CRI 90 | CRI 80 | IK 02 | IP 40 | 230V 50Hz | LED





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | HOTEL | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac / DKP Sheet

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü / Mid Power LED / L70> 50.000 Hours Life / Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

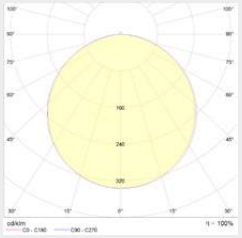
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

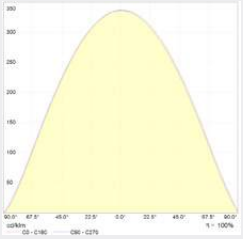
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

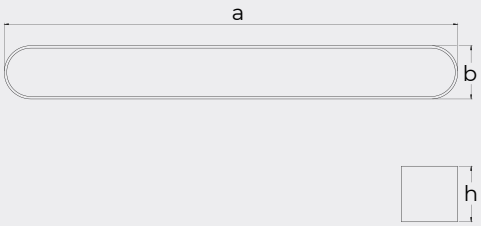
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
1130-112-00	25	3250	130	2700-6500K	1	2,2	0,00737	2	>0,95	85x595	600	101	45	1210	110	55
1130-222-00	42	5460	130	2700-6500K	1,2	1,4	0,00550	1	>0,95	85x995	1000	101	45	910	110	55
1130-332-00	50	6400	128	2700-6500K	1,5	1,7	0,00737	1	>0,95	85x1195	1200	101	45	1210	110	55
1130-442-00	63	8001	127	2700-6500K	1,8	2	0,00913	1	>0,95	85x1495	1500	101	45	1510	110	55

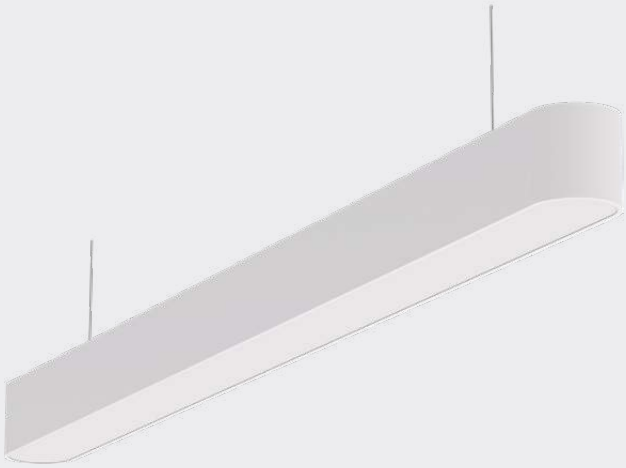
Dasy P

Sarkıt LED Lineer Aydınlatma Armatürleri

Pendant LED Linear Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | HOTEL | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon & DKP Sac
Aluminum Extrusion & DKP Sheet

Boya / Paint : Elektrostatik Toz Boya
Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours Life
Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
High Efficient
UGR: <19 Opal Diffuser

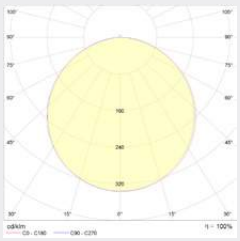
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

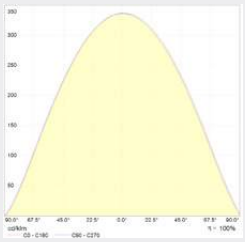
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

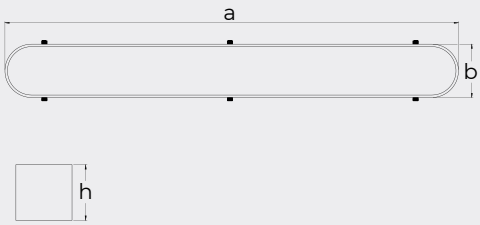
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
4225-112-00	32	4160	130	2700-6500K	1,3	1,5	0,772	1	>0,95	1000	80	75	1010	90	85
4225-222-00	38	5000	132	2700-6500K	1,5	1,7	0,925	1	>0,95	1200	80	75	1210	90	85
4225-332-00	48	6240	130	2700-6500K	1,8	2	1,155	1	>0,95	1500	80	75	1510	90	85
4225-442-00	64	8000	125	2700-6500K	2,3	2,5	1,537	1	>0,95	2000	80	75	2010	90	85
4225-552-00	80	10400	130	2700-6500K	3	3,2	1,920	1	>0,95	2500	80	75	2510	90	85
4225-662-00	96	12480	130	2700-6500K	3,5	3,7	2,302	1	>0,95	3000	80	75	3010	90	85

Dasy R

Sıva Altı LED Lineer Aydınlatma Armatürleri

Recessed Mounted LED Linear Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | CE | CRI 90 | CRI 80 | IK 02 | IP 40 | 230V 50Hz | LED



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | HOTEL | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon & DKP Sac
Aluminum Extrusion & DKP Sheet

Boya / Paint : Elektrostatik Toz Boya
Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours Life
Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
High Efficient
UGR: <19 Opal Diffuser

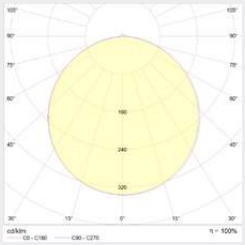
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

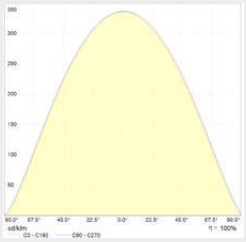
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

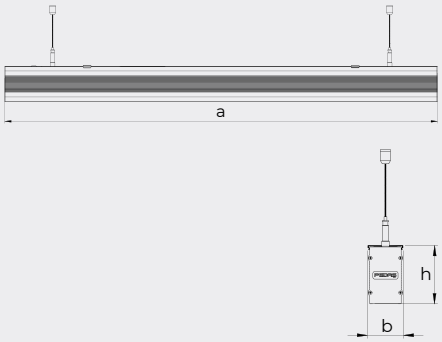
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
4109-112-00	32	4160	130	2700-6500K	1	1,2	0,772	1	>0,95	80x1000	1000	80	75	1010	90	85
4109-222-00	38	5000	132	2700-6500K	1,2	1,4	0,925	1	>0,95	80x1200	1200	80	75	1210	90	85
4109-332-00	48	6240	130	2700-6500K	1,5	1,7	1,155	1	>0,95	80x1500	1500	80	75	1510	90	85
4109-442-00	64	8000	125	2700-6500K	2	2,2	1,537	1	>0,95	80x2000	2000	80	75	2010	90	85
4109-552-00	80	10400	130	2700-6500K	2,5	2,7	1,920	1	>0,95	80x2500	2500	80	75	2510	90	85
4109-662-00	96	12480	130	2700-6500K	3	3,3	2,302	1	>0,95	80x3000	3000	80	75	3010	90	85

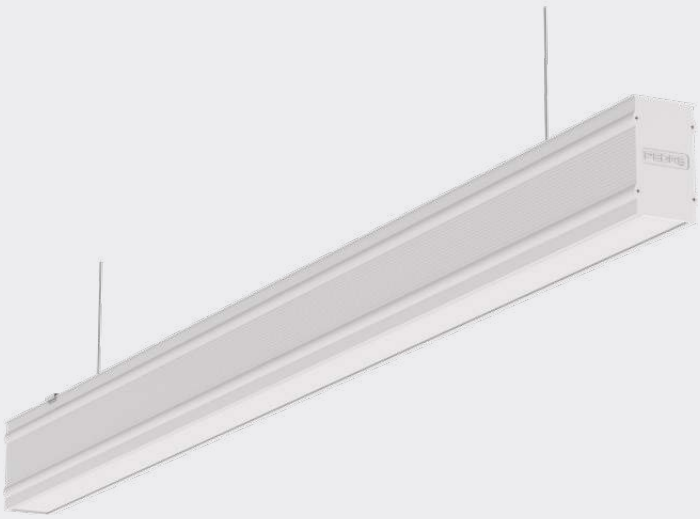
Axis P

Sarkıt LED Lineer Aydınlatma Armatürleri

Pendant LED Linear Lighting Luminaires

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CRI 90 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | Bluetooth | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

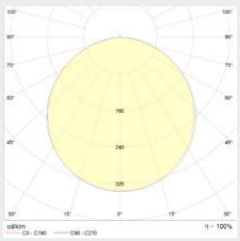
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

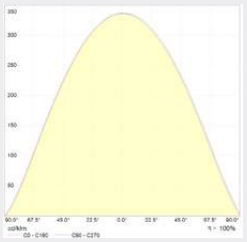
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

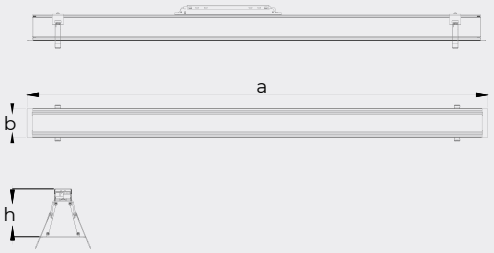
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h	**Koli Boyutları** Box Dimensions **(mm)** a	b	h
1236-112-00	14	1134	81	2700-6500K	4,4	9	0,00580	2	>0,95	600	53	75	1215	60	80
1236-222-00	29	2204	76	2700-6500K	6,5	7	0,00580	1	>0,95	900	53	75	915	60	80
1236-332-00	32	2400	75	2700-6500K	8,7	9,2	0,00580	1	>0,95	1200	53	75	1215	60	80
1236-442-00	50	3600	72	2700-6500K	10	10,5	0,00724	1	>0,95	1500	53	75	1515	60	80

Axis R

Sıva Altı LED Lineer Aydınlatma Armatürleri

Recessed Mounted LED Linear Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | CE | CRI 90 | CRI 80 | IK 02 | IP 40 | 230V 50Hz | LED



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

MAĞAZA | HOTEL | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü / L70> 50.000 Hours Life
Mid Power LED
Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip / High Efficient
UGR: <19 Opal Difüzör / UGR: <19 Opal Diffuser

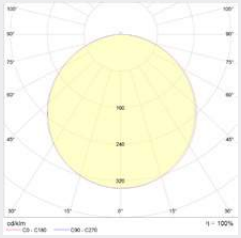
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

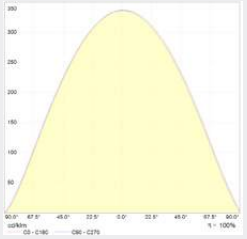
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

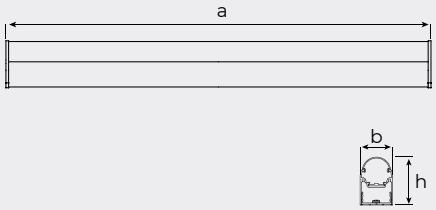
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
1129-112-00	18	1944	120	2700-6500K	0,85	2	0,13125	2	>0,95	60x610	630	76	65	1250	80	70
1129-222-00	24	2784	116	2700-6500K	1,2	1,5	0,13125	1	>0,95	60x910	930	76	65	950	80	70
1129-332-00	37	4144	112	2700-6500K	1,7	2	0,13125	1	>0,95	60x1210	1230	76	65	1250	80	70
1129-442-00	45	4860	108	2700-6500K	2,1	2,4	0,0868	1	>0,95	60x1510	1530	76	65	1550	80	70

Vidi

Sıva Üstü LED Aydınlatma Armatürü

Surface Mounted LED Lighting Luminaire

LED | 230V 50Hz | IP20 | IP44 | IP67 | IK08 | CRI 80 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | 1-3 Saat

HOTEL | CAFÉ | RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ektrüzyon / Aluminum Extrusion

Boya / Paint : Eloksal Kaplama / Anodized Coating

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

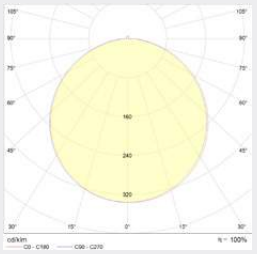
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

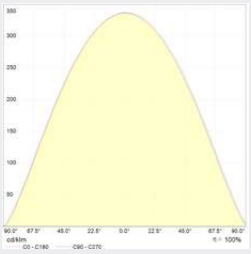
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve

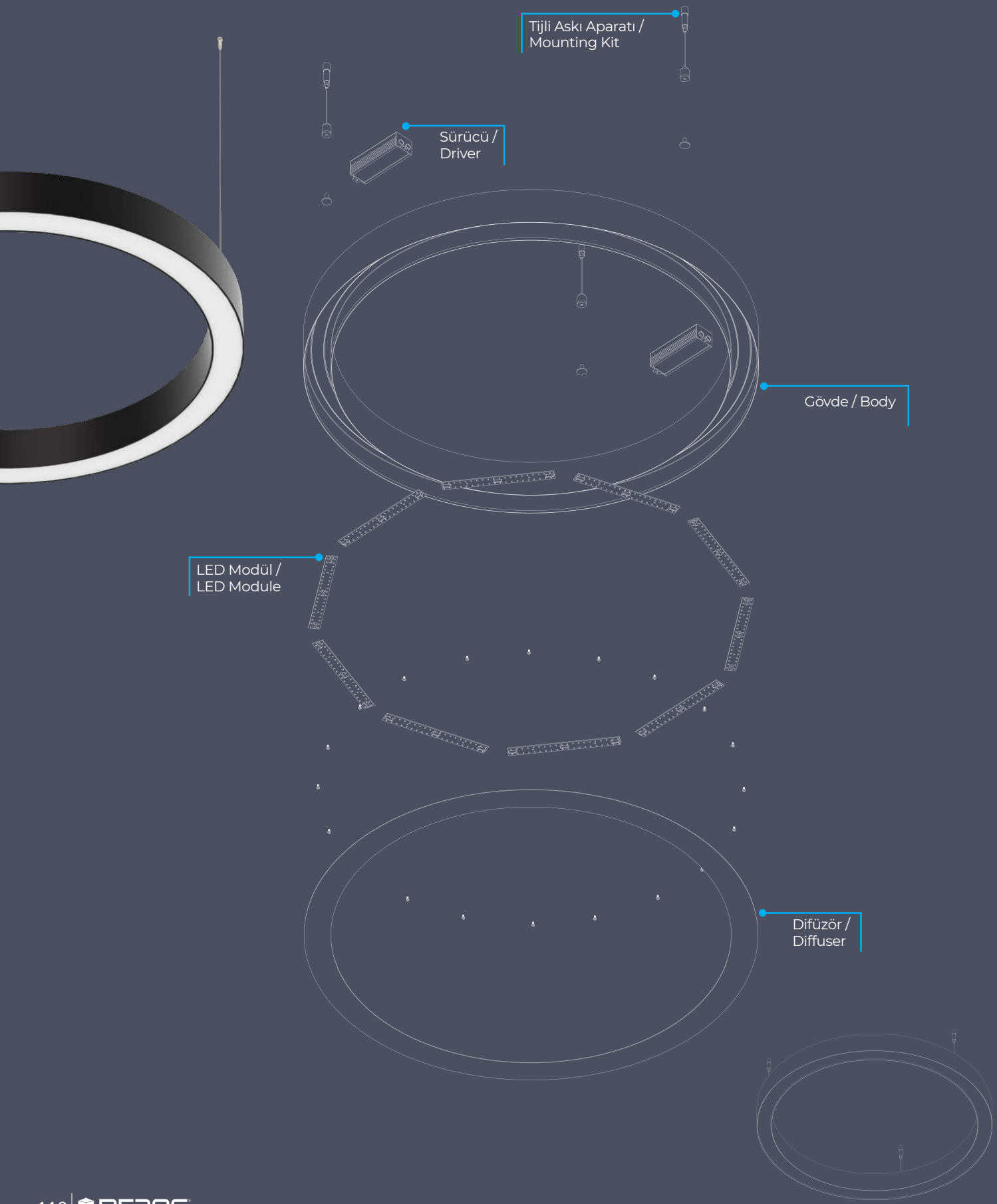


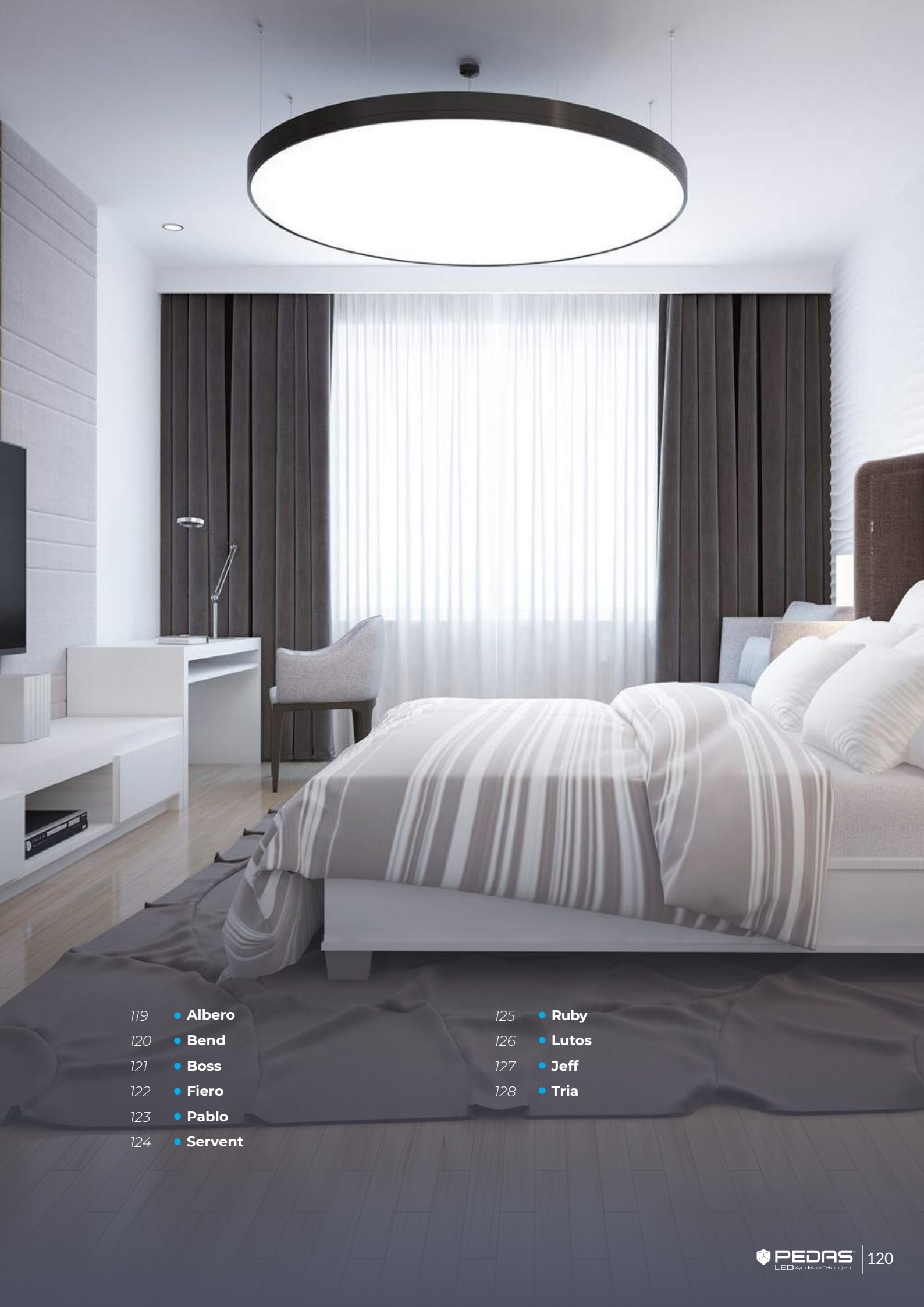
Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
4228-112-00	7	770	110	2700-6500K	0,5	0,6	0,002222	1	>0,95	1000	34	50	1010	40	55
4228-122-00	10	1080	108	2700-6500K	0,5	0,6	0,002222	1	>0,95	1000	34	50	1010	40	55
4228-132-00	14	1470	105	2700-6500K	0,5	0,6	0,002222	1	>0,95	1000	34	50	1010	40	55
4228-142-00	20	2020	101	2700-6500K	0,5	0,6	0,002222	1	>0,95	1000	34	50	1010	40	55

Dekoratif LED Aydınlatma Armatürleri

Decorative LED Lighting Luminaires





119 • **Albero**
120 • **Bend**
121 • **Boss**
122 • **Fiero**
123 • **Pablo**
124 • **Servent**
125 • **Ruby**
126 • **Lutos**
127 • **Jeff**
128 • **Tria**

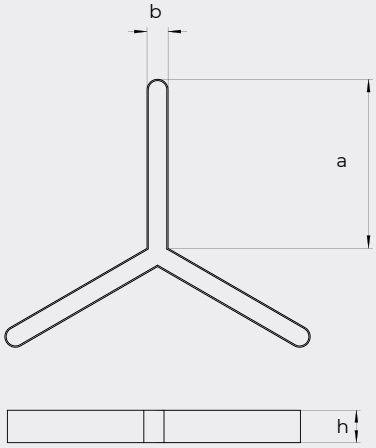
Albero

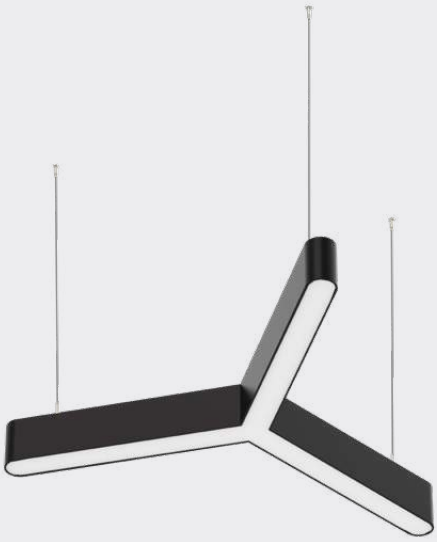
Dekoratif LED Aydınlatma Armatürleri

Decorative LED Lighting Luminaires

LED | 230V 50Hz | IP 20 | IK 02 | CRI 80 | CE

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

HOTEL | MARKET

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon & DKP Sac
Aluminum Extrusion & DKP Sheet

Boya / Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours
Mid Life Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
High Efficient
UGR: <19 Opal Diffuser

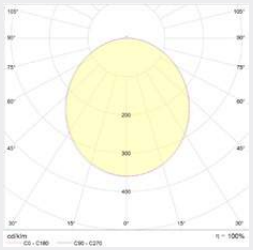
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

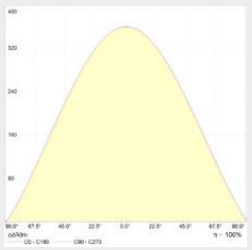
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

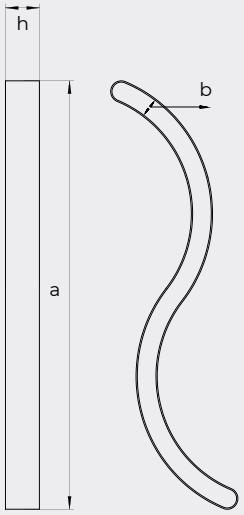
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** Ø	a	b	h	**Koli Boyutları** Box Dimensions **(mm)** a	b	h
4441-113-00	20	2600	130	2700-6500K	1,7	1,8	0,0168	1	>0,95	400	200	80	75	410	410	100
4441-223-00	30	3900	130	2700-6500K	2,5	2,6	0,0372	1	>0,95	600	300	80	75	610	610	100
4441-333-00	38	4940	130	2700-6500K	3,5	3,6	0,0656	1	>0,95	800	400	80	75	810	810	100
4441-443-00	48	6240	130	2700-6500K	4,7	4,8	0,1020	1	>0,95	1000	500	80	75	1010	1010	100

Bend

Dekoratif LED Aydınlatma Armatürleri

Decorative LED Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

HOTEL | MARKET

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon & DKP Sac
Aluminum Extrusion & DKP Sheet

Boya / Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours
Mid Life Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
High Efficient
UGR: <19 Opal Diffuser

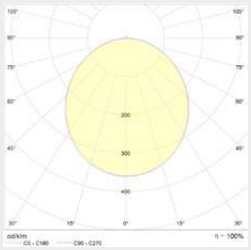
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

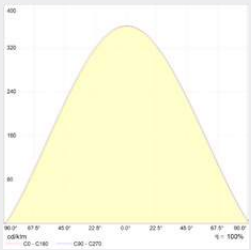
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
4442-113-00	38	5000	130	2700-6500K	2	2,1	0,0303	1	>0,95	1000	80	75	1010	300	100
4442-223-00	45	5850	130	2700-6500K	2,5	2,6	0,0484	1	>0,95	1200	80	75	1210	400	100
4442-333-00	58	7540	130	2700-6500K	3,2	3,3	0,0755	1	>0,95	1500	80	75	1510	500	100
4442-443-00	75	9750	130	2700-6500K	4	4,1	0,1206	1	>0,95	2000	80	75	2010	600	100
4442-553-00	93	12000	130	2700-6500K	4,7	4,8	0,1757	1	>0,95	2500	80	75	2510	700	100
4442-663-00	112	14560	130	2700-6500K	5,3	5,4	0,2408	1	>0,95	3000	80	75	3010	800	100

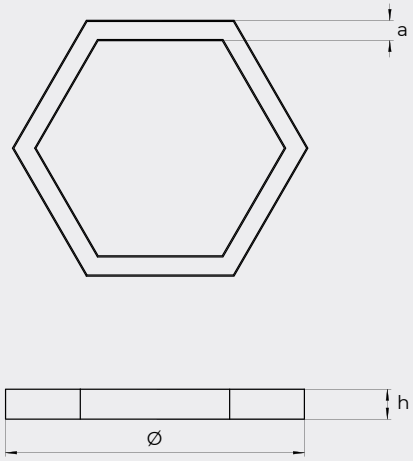
Boss

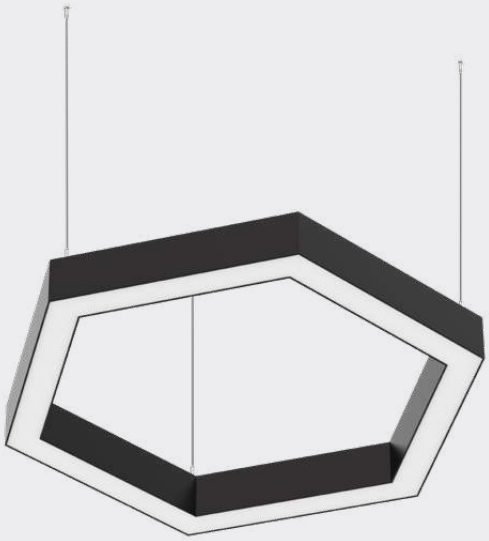
Dekoratif LED Aydınlatma Armatürleri

Decorative LED Lighting Luminaires

LED | 230V 50Hz | IP 20 | IK 02 | CRI 80 | CE

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

HOTEL | MARKET

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon & DKP Sac
Aluminum Extrusion & DKP Sheet

Boya / Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours
Mid Life Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
High Efficient
UGR: <19 Opal Diffuser

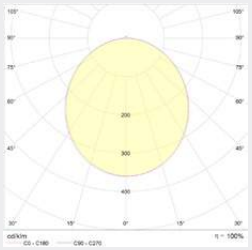
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

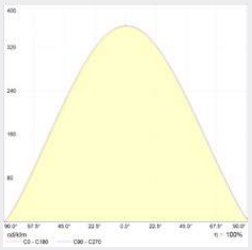
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

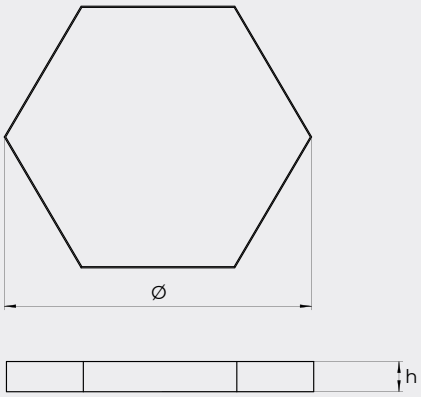
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	a	h	a	b	h
4443-113-00	38	4940	130	2700-6500K	2,2	2,3	0,01681	1	>0,95	400	50	85	410	410	100
4443-223-00	48	6144	128	2700-6500K	2,7	2,8	0,02601	1	>0,95	500	50	85	510	510	100
4443-333-00	58	7250	125	2700-6500K	3,2	3,2	0,03721	1	>0,95	600	50	85	610	610	100
4443-443-00	67	8308	124	2700-6500K	3,7	3,8	0,05041	1	>0,95	700	50	85	710	710	100
4443-553-00	76	9424	124	2700-6500K	4,2	4,3	0,06561	1	>0,95	800	50	85	810	810	100
4443-663-00	86	10492	122	2700-6500K	4,5	4,6	0,08281	1	>0,95	900	50	85	910	910	100
4443-773-00	95	11400	120	2700-6500K	5	5,1	0,10201	1	>0,95	1000	50	85	1010	1010	100
4443-883-00	112	13440	120	2700-6500K	5,5	5,6	0,14641	1	>0,95	1200	50	85	1210	1210	100

Fiero

Dekoratif LED Aydınlatma Armatürleri

Decorative LED Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

HOTEL | MARKET

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon & DKP Sac
Aluminum Extrusion & DKP Sheet

Boya / Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours
Mid Life Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
High Efficient
UGR: <19 Opal Diffuser

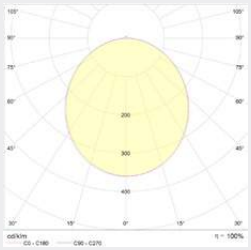
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

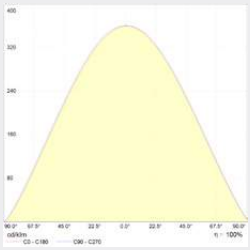
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
4444-113-00	26	3380	130	2700-6500K	2,5	2,6	0,01849	1	>0,95	400	100	410	410	110
4444-223-00	47	6016	128	2700-6500K	3	3,1	0,02861	1	>0,95	500	100	510	510	110
4444-333-00	67	8375	125	2700-6500K	3,8	3,9	0,04093	1	>0,95	600	100	610	610	110
4444-443-00	84	10416	124	2700-6500K	4,3	4,4	0,05545	1	>0,95	700	100	710	710	110
4444-553-00	105	13125	124	2700-6500K	4,5	4,6	0,07217	1	>0,95	800	100	810	810	110
4444-663-00	125	15250	122	2700-6500K	5	5,1	0,09109	1	>0,95	900	100	910	910	110
4444-773-00	150	18000	120	2700-6500K	5,5	5,6	0,11221	1	>0,95	1000	100	1010	1010	110
4444-883-00	180	21600	120	2700-6500K	6	6,1	0,16105	1	>0,95	1200	100	1210	1210	110

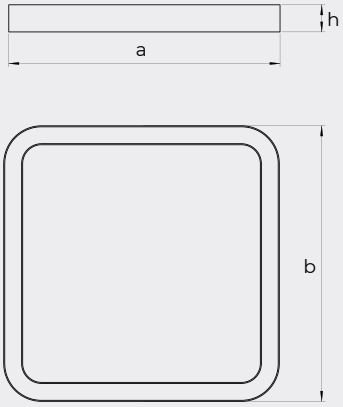
Pablo

Dekoratif LED Aydınlatma Armatürleri

Decorative LED Lighting Luminaires

LED | 230 V 50 Hz | IP 20 | IK 02 | CRI 80 | CE

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

HOTEL | MARKET

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon & DKP Sac
Aluminum Extrusion & DKP Sheet

Boya / Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours
Mid Life Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
High Efficient
UGR: <19 Opal Diffuser

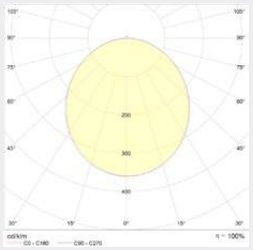
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

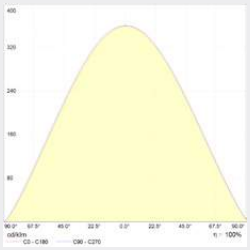
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

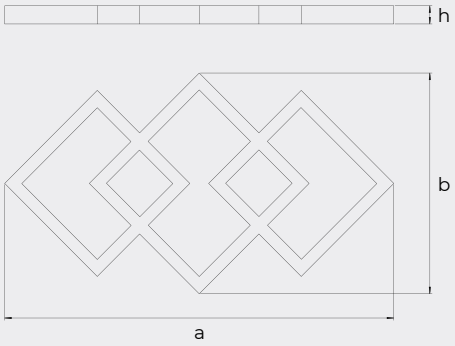
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
4447-113-00	33	4290	130	2700-6500K	3	3,1	0,01512	1	>0,95	400	400	85	410	410	90
4447-223-00	50	6400	128	2700-6500K	3,5	3,6	0,03348	1	>0,95	600	600	85	610	610	90
4447-333-00	67	8509	127	2700-6500K	4	4,1	0,05904	1	>0,95	800	800	85	810	810	90
4447-443-00	84	10584	126	2700-6500K	4,7	4,8	0,09180	1	>0,95	1000	1000	85	1010	1010	90
4447-553-00	96	12000	125	2700-6500K	5,2	5,3	0,13176	1	>0,95	1200	1200	85	1210	1210	90

Servent

Dekoratif LED Aydınlatma Armatürleri

Decorative LED Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

HOTEL | MARKET

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon & DKP Sac
Aluminum Extrusion & DKP Sheet

Boya / Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours
Mid Life Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
High Efficient
UGR: <19 Opal Diffuser

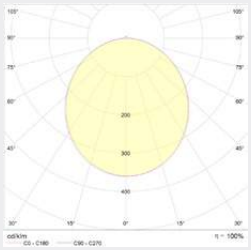
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

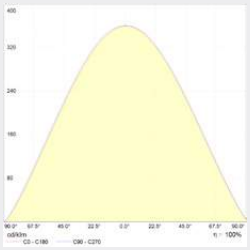
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h	**Koli Boyutları** Box Dimensions **(mm)** a	b	h
4448-112-00	150	19500	130	2700-6500K	5	5,1	0,03721	1	>0,95	600	600	85	610	610	100
4448-222-00	200	26000	130	2700-6500K	6	6,1	0,06561	1	>0,95	800	800	85	810	810	100
4448-332-00	250	32500	130	2700-6500K	7,2	7,3	0,10201	1	>0,95	1000	1000	85	1010	1010	100

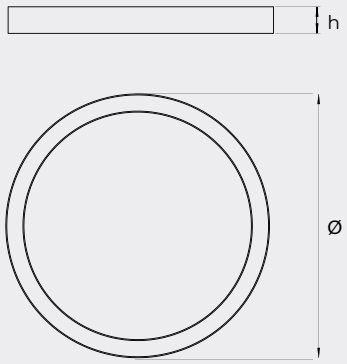
Ruby

Dekoratif LED Aydınlatma Armatürleri

Decorative LED Lighting Luminaires

LED | 230V 50Hz | IP 20 | IK 02 | CRI 80 | CE

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

HOTEL | MARKET

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon & DKP Sac
Aluminum Extrusion & DKP Sheet

Boya / Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours
Mid Life Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
High Efficient
UGR: <19 Opal Diffuser

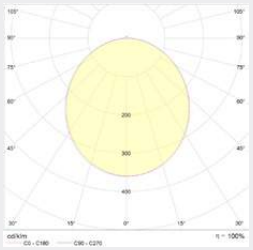
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

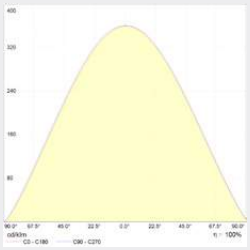
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

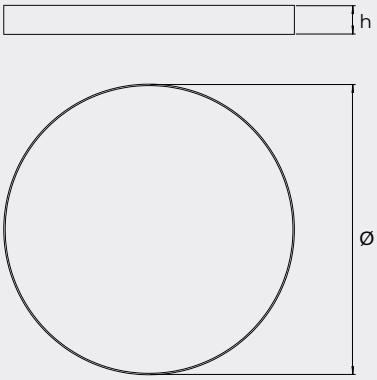
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	a	h	a	b	h
4449-113-00	32	4160	130	2700-6500K	1,9	2	0,01681	1	>0,95	400	50	85	410	410	100
4449-223-00	39	4992	128	2700-6500K	2,2	2,3	0,02601	1	>0,95	500	50	85	510	510	100
4449-333-00	48	6000	125	2700-6500K	2,7	2,8	0,03721	1	>0,95	600	50	85	610	610	100
4449-443-00	61	7564	124	2700-6500K	3	3,1	0,05041	1	>0,95	700	50	85	710	710	100
4449-553-00	70	8680	124	2700-6500K	3,5	3,6	0,06561	1	>0,95	800	50	85	810	810	100
4449-663-00	80	9760	122	2700-6500K	4	4,1	0,08281	1	>0,95	900	50	85	910	910	100
4449-773-00	90	10080	120	2700-6500K	4,8	4,9	0,10201	1	>0,95	1000	50	85	1010	1010	100
4449-883-00	112	12000	120	2700-6500K	5,3	5,4	0,14641	1	>0,95	1200	50	85	1210	1210	100

Lutos

Dekoratif LED Aydınlatma Armatürleri

Decorative LED Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon & DKP Sac
Aluminum Extrusion & DKP Sheet

Boya / Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours
Mid Life Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
High Efficient
UGR: <19 Opal Diffuser

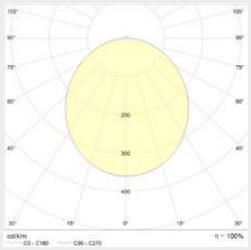
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

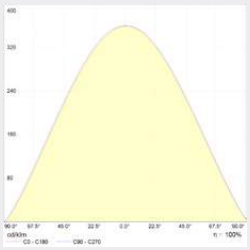
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
4450-113-00	21	2730	130	2700-6500K	2	2,1	0,033201	1	>0,95	300	100	310	310	110
4450-223-00	26	3380	130	2700-6500K	2,5	2,6	0,032147	1	>0,95	400	100	410	410	110
4450-333-00	47	6100	129	2700-6500K	3	3,1	0,032147	1	>0,95	500	100	510	510	110
4450-443-00	67	8700	135	2700-6500K	4	4,1	0,032147	1	>0,95	600	100	610	610	110
4450-553-00	84	10920	130	2700-6500K	5	5,1	0,032147	1	>0,95	700	100	710	710	110
4450-663-00	105	13650	130	2700-6500K	5,5	5,6	0,032147	1	>0,95	800	100	810	810	110

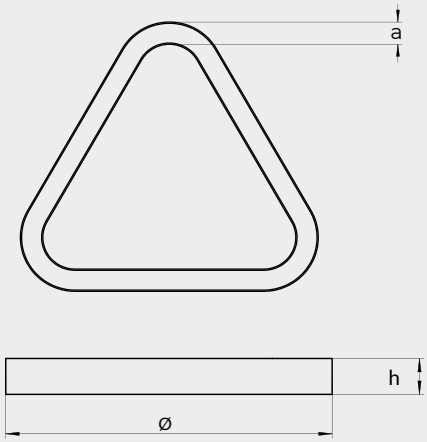
Jeff

Dekoratif LED Aydınlatma Armatürleri

Decorative LED Lighting Luminaires

LED | 230V 50Hz | IP 20 | IK 02 | CRI 80 | CE

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

HOTEL | MARKET

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon & DKP Sac
Aluminum Extrusion & DKP Sheet

Boya / Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours
Mid Life Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
High Efficient
UGR: <19 Opal Diffuser

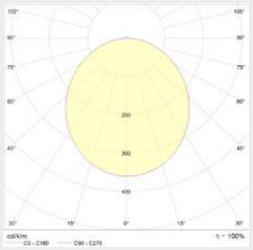
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

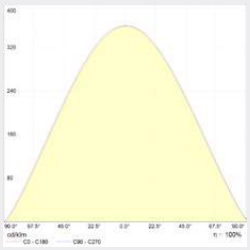
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

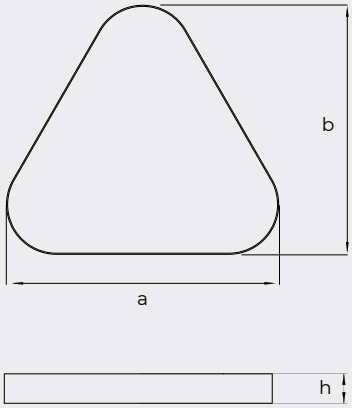
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	a	h	a	b	h
4451-113-00	45	5850	130	2700-6500K	2,7	2,8	0,01681	1	>0,95	400	80	75	410	410	100
4451-223-00	60	7800	130	2700-6500K	3,2	3,3	0,03721	1	>0,95	600	80	75	610	610	100
4451-333-00	85	11000	129	2700-6500K	3,8	3,9	0,06561	1	>0,95	800	80	75	810	810	100
4451-443-00	105	13500	128	2700-6500K	4,2	4,3	0,10201	1	>0,95	1000	80	75	1010	1010	100

Tria

Dekoratif LED Aydınlatma Armatürleri

Decorative LED Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

HOTEL | MARKET

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon & DKP Sac
Aluminum Extrusion & DKP Sheet

Boya / Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours
Mid Life Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
High Efficient
UGR: <19 Opal Diffuser

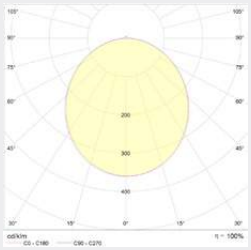
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

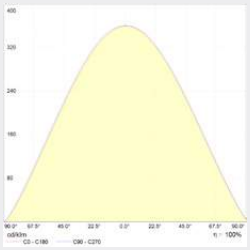
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve

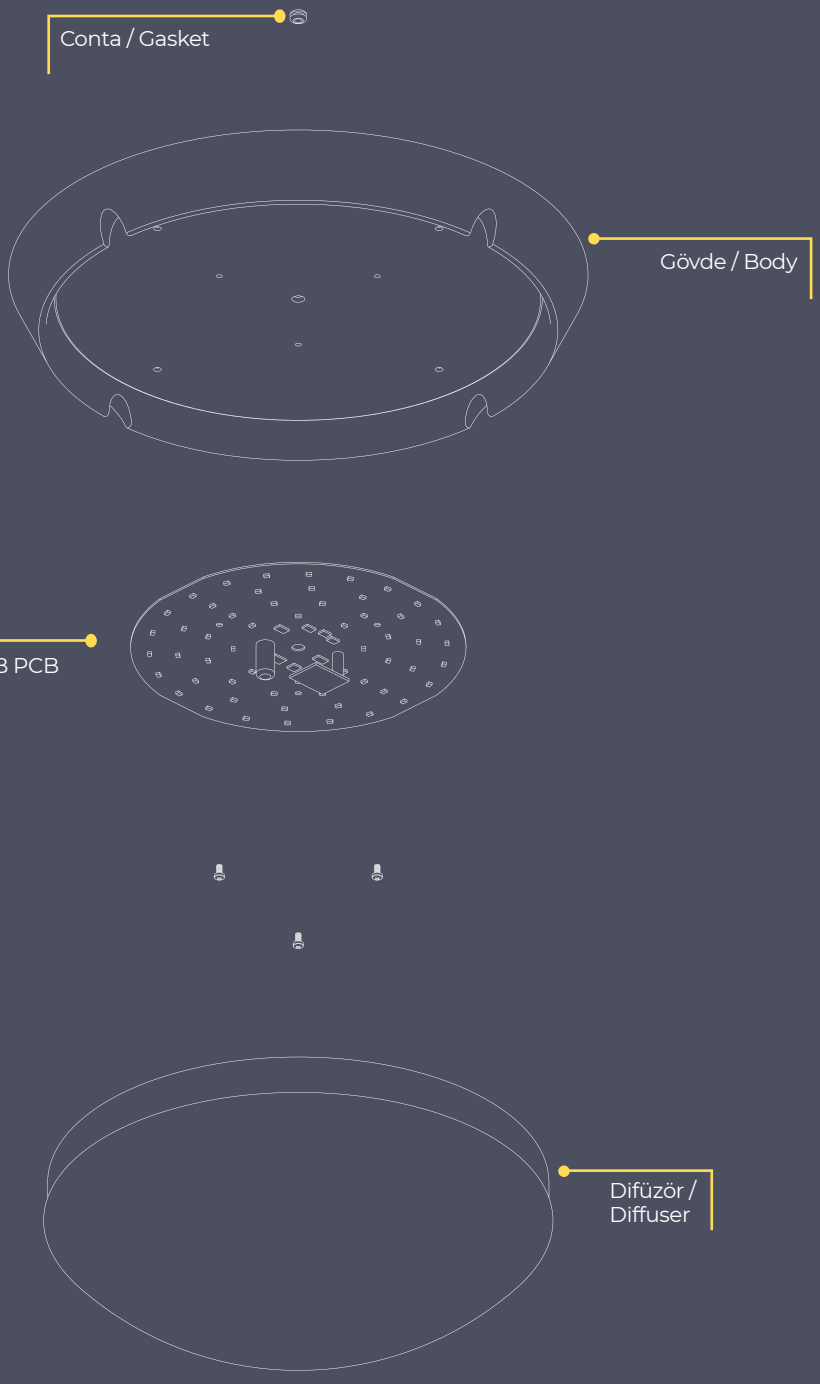


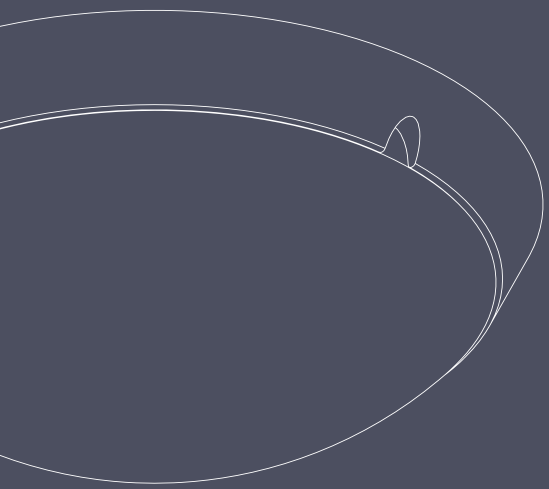
Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
4452-113-00	45	5850	130	2700-6500K	2,5	2,6	0,01681	1	>0,95	400	400	100	410	410	110
4452-223-00	60	7800	130	2700-6500K	3	3,1	0,03721	1	>0,95	600	600	100	610	610	110
4452-333-00	85	11000	129	2700-6500K	3,5	3,6	0,06561	1	>0,95	800	800	100	810	810	110
4452-443-00	105	13500	128	2700-6500K	4	4,1	0,10201	1	>0,95	1000	1000	100	1010	1010	110

Glop Aydınlatma Armatürleri

Globe Lighting Luminaires





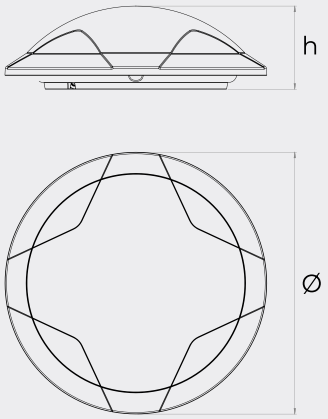
131 • Miro
131 • Skylar
132 • Göknar
133 • Dia
134 • Sunny
135 • Ebro
136 • Truva
137 • Talia
138 • Evora

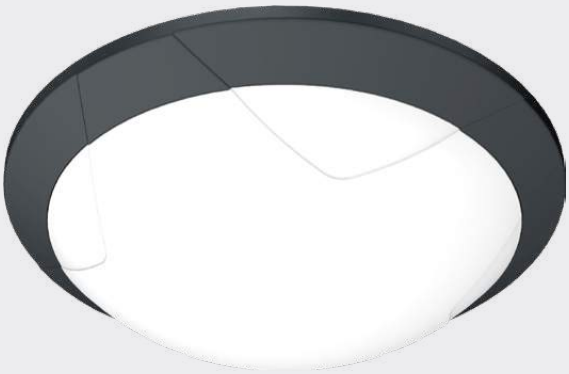
Miro

Sıva Üstü Glop LED Aydınlatma Armatürü

Surface Mounted LED Globe Lighting Luminaire

LED | 230V 50Hz | IP65 | IK08 | CRI 80 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





Glop Armatürler LED Modül ve E27 Duy Opsiyonlu Üretilebilir.
Glop Luminaires can be produced with LED Module and E27 Lampholder.

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Polikarbon Enjeksiyon / Polycarbonate Injection

LED : L70> 50.000 Saat Ömürlü LED / L70> 50.000 Hours Life LED

Duy / Lamp H. : 1xE27 Duy / 1xE27 Lamp Holder

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

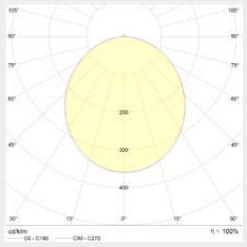
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : DOB Modül / DOB Module

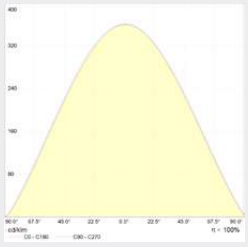
Marka / Brand : PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

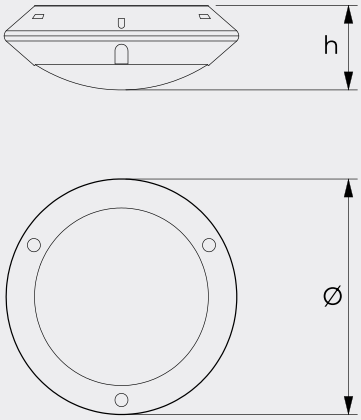
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
4233-112-00	15	1125	75	2700-6500K	1	1,2	0,01009	1	>0,95	300	90	290	290	100
4233-122-00	18	1350	75	2700-6500K	1	1,2	0,01009	1	>0,95	300	90	290	290	100
4233-132-00	24	1800	75	2700-6500K	1	1,2	0,01009	1	>0,95	300	90	290	290	100

Skylar

Sıva Üstü Glop LED Aydınlatma Armatürü

Surface Mounted LED Globe Lighting Luminaire

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



5 sn - 3.5dk

2.8mt

Glop Armatürler LED Modül ve E27 Duy Opsiyonlu Üretilebilir.
Glop Luminaires can be produced with LED Module and E27 Lampholder.

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Polikarbon Enjeksiyon / Polycarbonate Injection

LED : L70> 50.000 Saat Ömürlü LED / L70> 50.000 Hours Life LED

Duy / Lamp H. : 1xE27 Duy / 1xE27 Lamp Holder

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

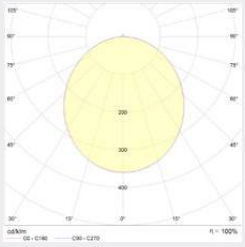
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : DOB Modül / DOB Module

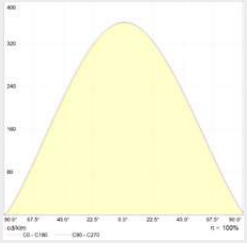
Marka / Brand : PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
4233-112-00	15	1125	75	2700-6500K	1	1,2	0,01009	1	>0,95	280	85	290	290	100
4233-122-00	18	1350	75	2700-6500K	1	1,2	0,01009	1	>0,95	280	85	290	290	100
4233-132-00	24	1800	75	2700-6500K	1	1,2	0,01009	1	>0,95	280	85	290	290	100

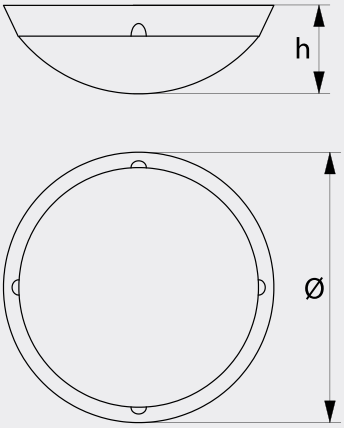
Göknar

Sıva Üstü Glop LED Aydınlatma Armatürü

Surface Mounted LED Globe Lighting Luminaire

LED | 230V 50Hz | IP65 | IK08 | CRI 80 | CE

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Glop Armatürler LED Modül ve E27 Duy Opsiyonlu Üretilebilir.
Glop Luminaires can be produced with LED Module and E27 Lampholder.

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Polikarbon Enjeksiyon / Polycarbonate Injection

Conta / Gasket : Poliüretan-Epiden / Polyurethane Cast-Epiden

LED : L70> 36.000 Saat Ömürlü LED / L70> 36.000 Hours Life LED

Duy / Lamp H. : E27 Duy / E27 Lamp Holder

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR <19 Opal Difüzör / High Efficient UGR <19 Opal Diffuser

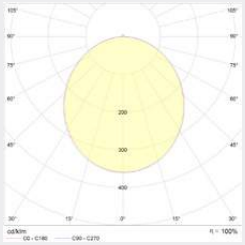
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : DOB Modül / DOB Module

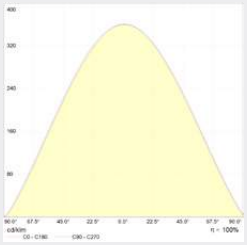
Marka / Brand : PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

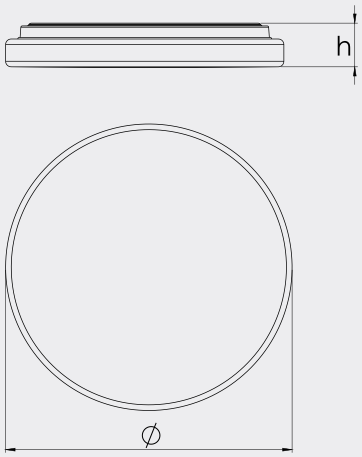
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
4230-122-00	20	1392	116	2700-6500K	0,5	9	0,0104	16	>0,95	242	106	430	495	495
4230-142-00	2xE27	-	-	2700-6500K	1,1	1,3	0,0104	1	>0,95	300	100	315	315	105

Sunny

Sıva Üstü Glop LED Aydınlatma Armatürü

Surface Mounted LED Globe Lighting Luminaire

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | CRI 80 | IK 02 | IP 40 | 230V 50Hz | LED



1-3 Saat — 5 sn - 3.5dk — h 2.8mt

Glop Armatürler LED Modül ve E27 Duy Opsiyonlu Üretilebilir.
Glop Luminaires can be produced with LED Module and E27 Lampholder.

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

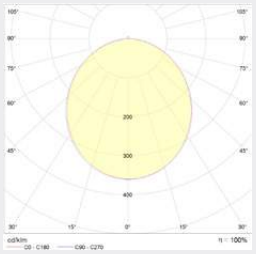
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

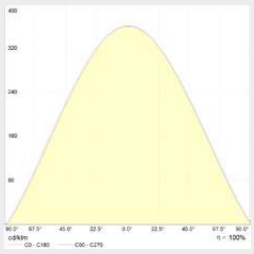
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
1249-113-00	14	1680	120	2700-6500K	2	4,5	0,0383	2	>0,95	500	70	505	505	150
1249-123-00	23	2622	114	2700-6500K	2	4,5	0,0383	2	>0,95	500	70	505	505	150
1249-133-00	31	3410	110	2700-6500K	2	4,5	0,0383	2	>0,95	500	70	505	505	150
1249-143-00	36	3888	108	2700-6500K	2	4,5	0,0383	2	>0,95	500	70	505	505	150

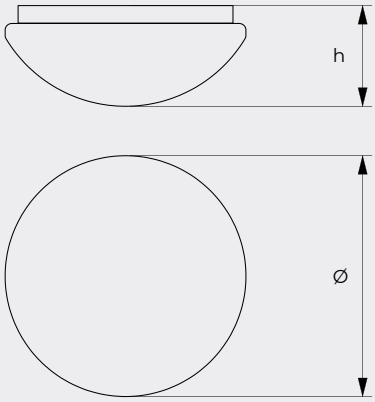
Dia

Sıva Üstü Glop LED Aydınlatma Armatürü

Surface Mounted LED Globe Lighting Luminaire

LED | 230 V 50 Hz | IP 40 | IK 02 | CRI 80 | CE

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Glop Armatürler LED Modül ve E27 Duy Opsiyonlu Üretilebilir.
Glop Luminaires can be produced with LED Module and E27 Lampholder.

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 36.000 Saat Ömürlü LED / L70> 36.000 Hours Life LED

Duy / Lamp H. : E27 Duy / E27 Lamp Holder

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR <19 Opal Difüzör / High Efficient UGR <19 Opal Diffuser

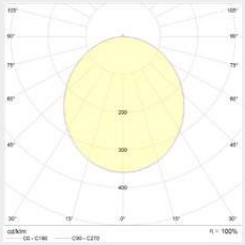
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : DOB Modül / DOB Module

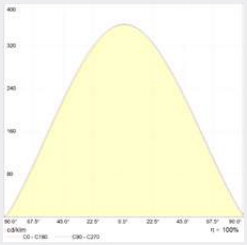
Marka / Brand : PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

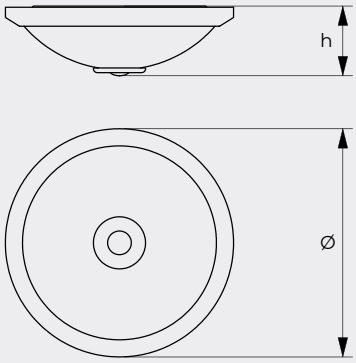
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
1247-112-00	12	1392	116	2700-6500K	1,1	12	0,0104	10	>0,95	260	105	290	290	120
1247-122-00	18	2016	112	2700-6500K	1,1	12	0,0104	10	>0,95	260	105	290	290	120
1247-132-00	24	2568	107	2700-6500K	1,1	12	0,0104	10	>0,95	260	105	290	290	120

Ebro

Sıva Üstü Glop LED Aydınlatma Armatürü

Surface Mounted LED Globe Lighting Luminaire

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Glop Armatürler LED Modül ve E27 Duy Opsiyonlu Üretilebilir.
Glop Luminaires can be produced with LED Module and E27 Lampholder.

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 36.000 Saat Ömürlü LED / L70> 36.000 Hours Life LED

Duy / Lamp H. : E27 Duy / E27 Lamp Holder

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Buzlu Cam / High Efficient Frosted Glass

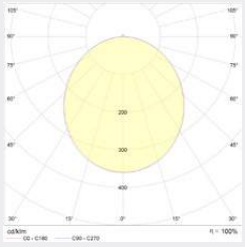
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : DOB Modül / DOB Module

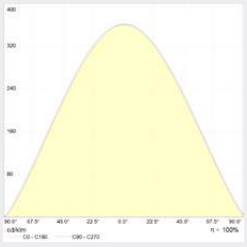
Marka / Brand : PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

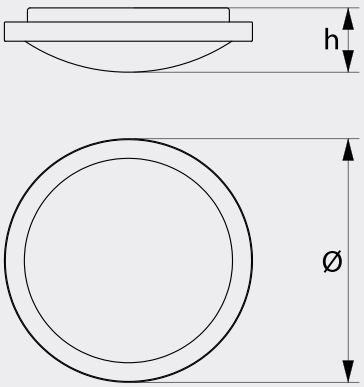
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
4232-132-00	18	1620	90	2700-6500K	1,1	1,3	0,0104	1	>0,95	300	100	315	315	105

Talia

Sıva Üstü Glop LED Aydınlatma Armatürü

Surface Mounted LED Globe Lighting Luminaire

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Glop Armatürler LED Modül ve E27 Duy Opsiyonlu Üretilebilir.
Glop Luminaires can be produced with LED Module and E27 Lampholder.

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 36.000 Saat Ömürlü LED / L70> 36.000 Hours Life LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Buzlu Cam / High Efficient Frosted Glass

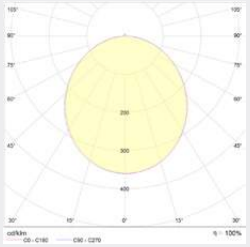
Duy / Lamp H. : E27 Duy / E27 Lamp Holder

Sürücü / Driver : DOB Modül / DOB Module

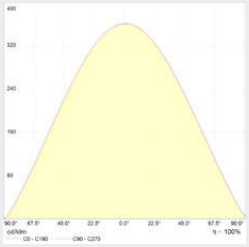
Marka / Brand : PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

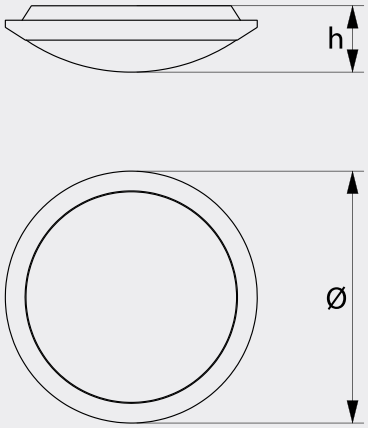
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
4231-122-00	18	1620	90	2700-6500K	1,1	1,3	0,0104	1	>0,95	300	100	315	315	105

Evora

Sıva Üstü Glop LED Aydınlatma Armatürü

Surface Mounted LED Globe Lighting Luminaire

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-3 Saat

5 sn - 3.5dk

h 2.8mt

Glop Armatürler LED Modül ve E27 Duy Opsiyonlu Üretilebilir.
Glop Luminaires can be produced with LED Module and E27 Lampholder.

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 36.000 Saat Ömürlü LED / L70> 36.000 Hours Life LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Buzlu Cam / High Efficient Frosted Glass

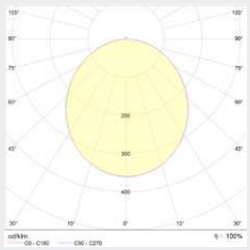
Duy / Lamp H. : E27 Duy / E27 Lamp Holder

Sürücü / Driver : DOB Modül / DOB Module

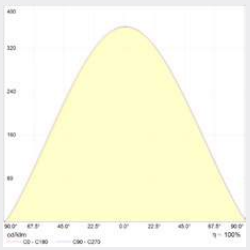
Marka / Brand : PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
4229-131-00	18	1620	90	2700-6500K	1,3	1,5	0,0098	1	>0,95	300	100	305	305	105

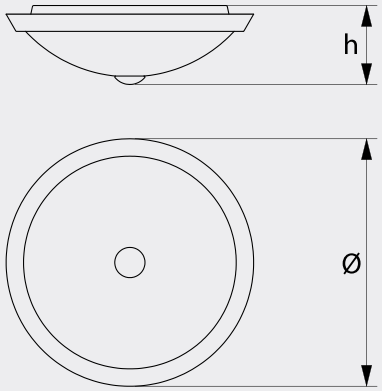
Truva

Sıva Üstü Glop LED Aydınlatma Armatürü

Surface Mounted LED Globe Lighting Luminaire

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CE

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Glop Armatürler LED Modül ve E27 Duy Opsiyonlu Üretilebilir.
Glop Luminaires can be produced with LED Module and E27 Lampholder.

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 36.000 Saat Ömürlü LED / L70> 36.000 Hours Life LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Buzlu Cam / High Efficient Frosted Glass

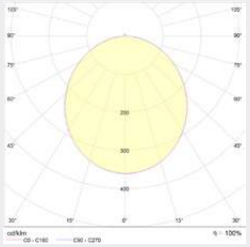
Duy / Lamp H. : E27 Duy / E27 Lamp Holder

Sürücü / Driver : DOB Modül / DOB Module

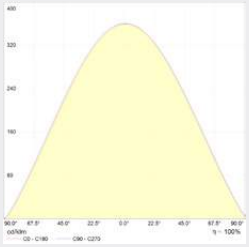
Marka / Brand : PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve

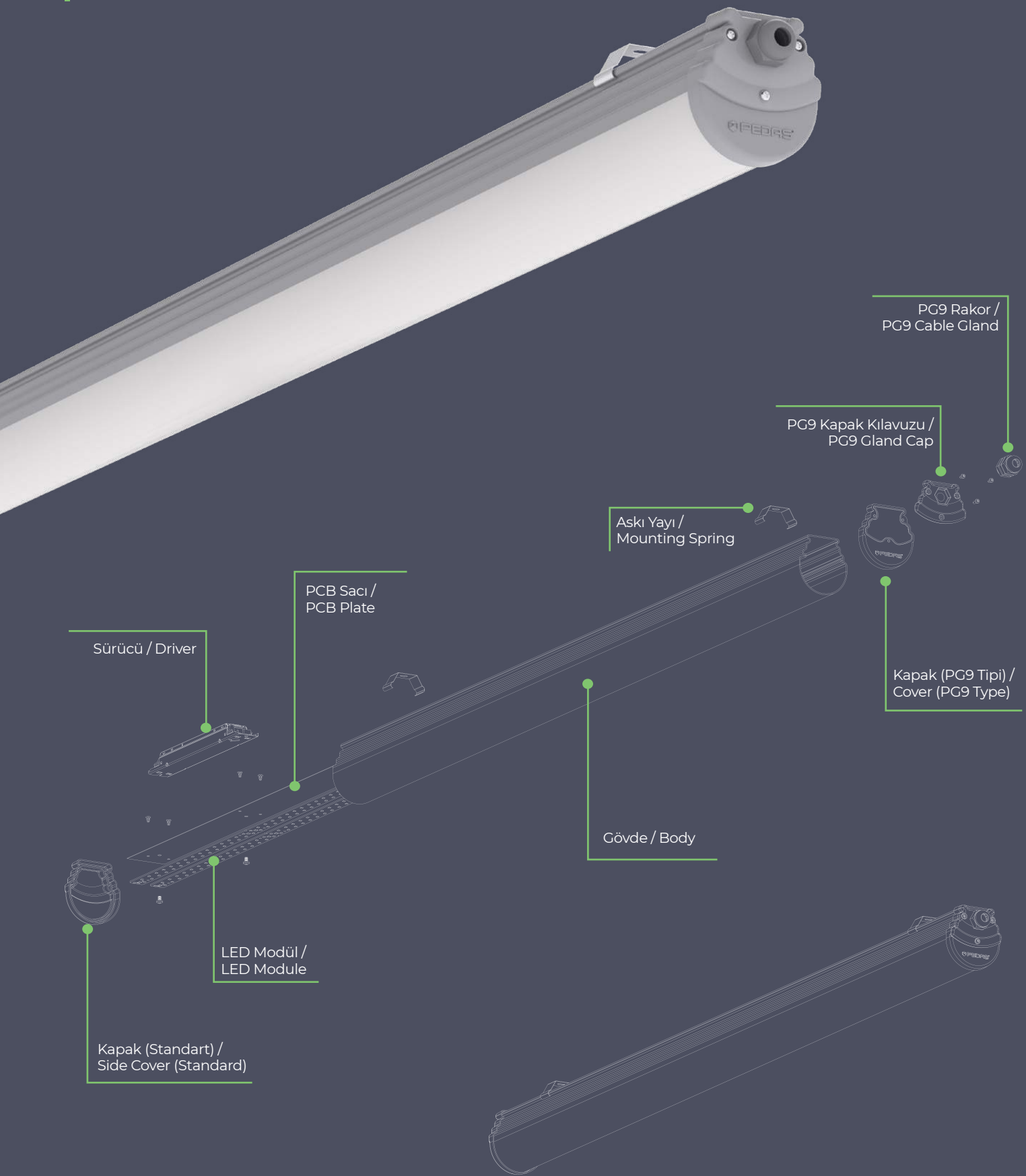


Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
4232-132-00	18	1620	90	2700-6500K	1,1	1,3	0,0104	1	>0,95	300	100	315	315	105

Etanj Aydınlatma Armatürleri

Waterproof Lighting Luminaires



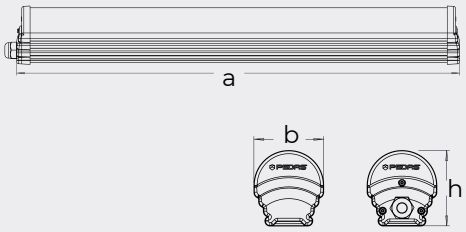
141 • Hobby LED
142 • Hobby-Neo
143 • Nova LED
144 • Lydia
145 • Carina 65 Tube
146 • Hobby-Neo LED Tube
147 • Carina Tube
148 • Carina Tube R
149 • Orleon Tube
150 • Hobby Tube
151 • Orleon LED
152 • Lupo Tube
153 • Mirror Tube
154 • Logic
155 • Peru
156 • Limbo
158 • Breco

Hobby

Polikarbon Gövde LED Etanj Aydınlatma Armatürleri

Polycarbonate Body LED Waterproof Lighting Luminaires

LED | 230V 50Hz | IP65 | IK08 | CRI 80 | CRI 90 | TSE | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Polikarbon Ekstrüzyon / Polycarbonate Extrusion

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Polikarbon Difüzör / High Efficient UGR: <19 Polycarbonate Diffuser

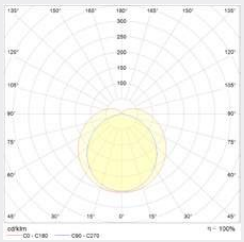
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

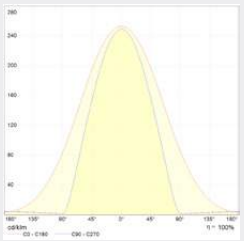
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

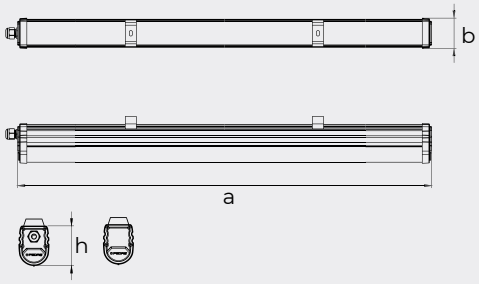
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
3101-112-00	12	1117	93	2700-6500K	0,5	18	0,1250	36	>0,95	330	75	81	1310	360	265
3101-222-00	19	2019	106	2700-6500K	0,7	19	0,1250	24	>0,95	600	75	81	1310	360	265
3101-332-00	27	3122	116	2700-6500K	0,9	13	0,1250	12	>0,95	900	75	81	1310	360	265
3101-442-00	37	4183	105	2700-6500K	1,3	19	0,1250	12	>0,95	1200	75	81	1310	360	265
3101-552-00	53	5990	109	2700-6500K	1,5	3,7	0,0252	2	>0,95	1500	75	81	1510	160	90

Hobby-Neo

Alüminyum Gövde LED Etanj Aydınlatma Armatürleri

Aluminum LED Waterproof Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Ekstrüzyon
Aluminum Extrusion

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours Life
Mid Power LED

Marka Brand : OSRAM | SAMSUNG

Optik Optic : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
High Efficient
UGR: <19 Opal Diffuser

Conta Gasket : Yüksek Isıya Dayanıklı Silikon
High Temp. Resistant Silicone

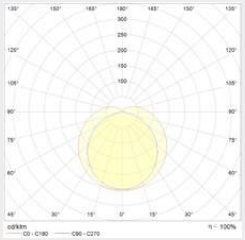
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

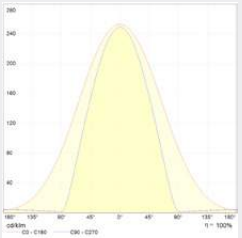
Marka Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
3102-111-00	19	2318	122	2700-6500K	1	4,5	0,1250	4	>0,95	624	52,1	91,8	1250	115	100
3102-221-00	27	3429	127	2700-6500K	1,3	3	0,1250	2	>0,95	935	52,1	91,8	1250	115	100
3102-331-00	37	4514	122	2700-6500K	1,8	4,1	0,1250	2	>0,95	1220	52,1	91,8	1250	115	100
3102-441-00	53	6625	125	2700-6500K	2,1	4,7	0,252	2	>0,95	1527	52,1	91,8	1550	115	100

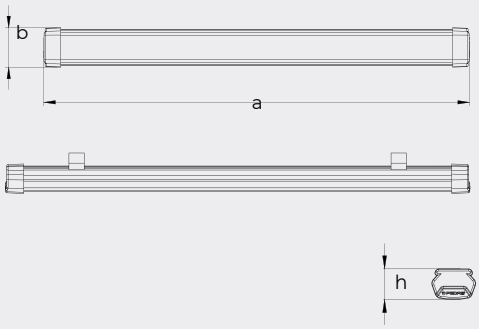
Nova

Polikarbon Gövde LED Etanj Aydınlatma Armatürleri

Polycarbonate Body LED Waterproof Lighting Luminaires

LED | 230V 50Hz | IP65 | IK08 | CRI 80 | CRI 90 | CE

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Polikarbon Ekstrüzyon / Polycarbonate Extrusion

Kapak / Cover : Polikarbon Enjeksiyon / Polycarbonate Injection

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Polikarbon Difüzör / High Efficient UGR: <19 Polycarbonate Diffuser

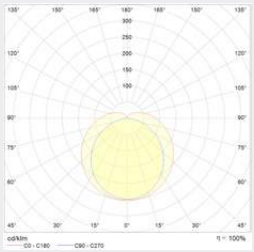
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli LED Sürücü / High Efficient LED Driver

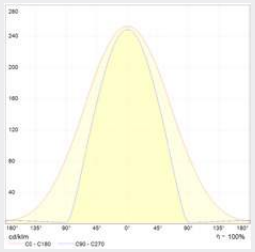
Marka / Brand : PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

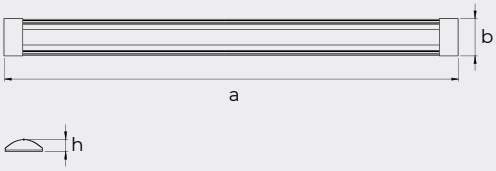
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
3103-111-00	8	800	100	2700-6500K	0,2	18	0,0237	48	>0,95	300	55	37	1230	230	125
3103-221-00	15	1575	105	2700-6500K	0,3	19	0,0237	24	>0,95	600	55	37	1230	230	125
3103-331-00	28	2968	106	2700-6500K	0,5	13	0,0237	12	>0,95	900	55	37	1230	230	125
3103-441-00	37	3996	108	2700-6500K	0,6	19	0,0237	12	>0,95	1200	55	37	1230	230	125
3103-551-00	46	5014	109	2700-6500K	1	4,2	0,00305	4	>0,95	1500	55	37	1510	60	150

Lydia

Sıva Üstü LED Bant Tipi Aydınlatma Armatürleri

Surface Mounted LED Batten Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Polikarbon Ekstrüzyon / Polycarbonate Extrusion

Kapak / Cover : Polikarbon Enjeksiyon / Polycarbonate Injection

LED : L70> 36.000 Saat Ömürlü Mid Power LED / L70> 36.000 Hours Life Mid Power LED

Marka / Brand : SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

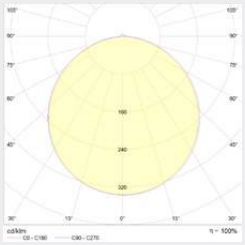
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli LED Sürücü / High Efficient LED Driver

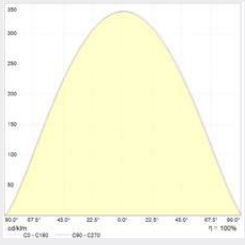
Marka / Brand : PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

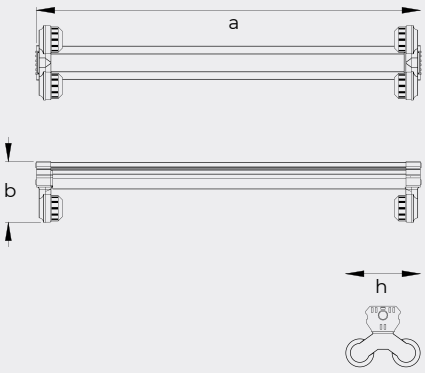
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
4226-112-00	18	1620	90	2700-6500K	0,15	12	0,03320	72	>0,95	600	70	24	1220	320	245
4226-222-00	36	3312	92	2700-6500K	0,30	12	0,06403	36	>0,95	1200	70	24	1220	320	245

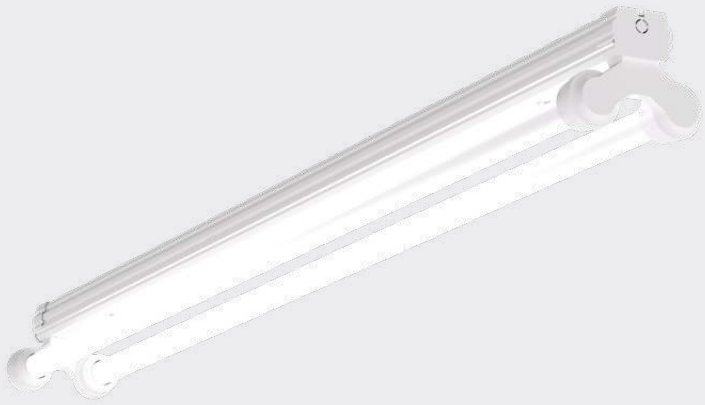
Carina 65 Tube

Sıva Üstü LED Tüp Etanj Duylu Bant Tipi Aydınlatma Armatürleri

Surface Mounted LED Tube Waterproof Lamp Holder Batten Type Lighting Luminaires

LED | 230 V 50 Hz | IP 65 | IK 02 | CRI 80 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





Armatür Özellikleri

Specifications of Luminaire

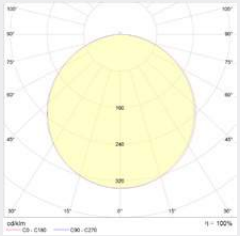
Gövde : DKP Sac Gövde
Body DKP Sheet Body

Boya : Elektrostatik Toz Boya
Paint Electrostatic Powder Paint

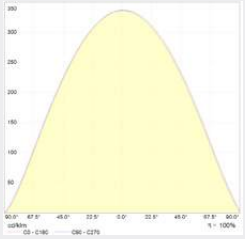
Duy : Contalı Etanj Duy G13
Lamp Waterproof Lamp Holder
Holder With Gasket, G13

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

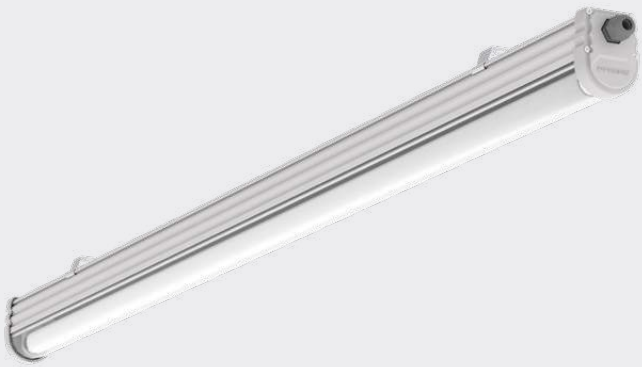
Kod Code	**Güç** Power	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
							a	b	h	a	b	h
3109-112-00	1x60cm	2700-6500K	0,5	2,4	0,03320	4	620	80	60	1300	210	80
3109-222-00	2x60cm	2700-6500K	0,6	2,8	0,03214	4	620	105	75	1300	210	80
3109-322-00	1x120cm	2700-6500K	1	2,4	0,06403	2	1225	80	60	1300	210	80
3109-442-00	2x120cm	2700-6500K	1,2	2,8	0,06403	2	1225	105	75	1300	210	80
3109-532-00	1x150cm	2700-6500K	1,6	3,6	0,121086	2	1530	80	60	1570	210	80
3109-652-00	2x150cm	2700-6500K	1,7	3,8	0,121086	2	1530	105	75	1570	210	80

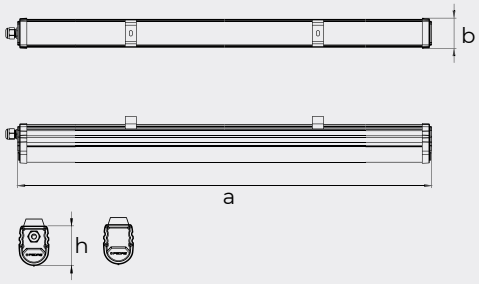
Hobby-Neo LED Tube

Alüminyum Gövde LED Tube Etanj Aydınlatma Armatürleri

Aluminum LED Tube Waterproof Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Ekstrüzyon
Aluminum Extrusion

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Paint

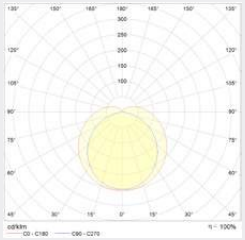
Conta Gasket : Yüksek Isıya Dayanıklı Silikon
High Temp. Resistant Silicone

Optik Optic : Yüksek Geçirgenliğe Sahip
UGR: <19 Şeffaf Opal Difüzör
High Efficient
UGR: <19 Clear Opal Diffuser

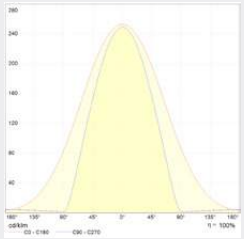
Duy Lamp Holder : G13 Duy
G13 Lamp Holder

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

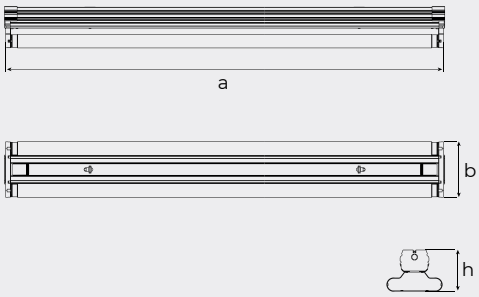
Kod Code	**Güç** Power	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
							a	b	h	a	b	h
3104-112-00	1x60cm	2700-6500K	1	4,2	0,0116	4	620	52,1	91,8	1250	115	100
3104-222-00	1x120cm	2700-6500K	1,3	3	0,0143	2	1240	52,1	91,8	1250	115	100
3104-332-00	1x150cm	2700-6500K	1,8	4,1	0,0179	2	1540	52,1	91,8	1560	115	100

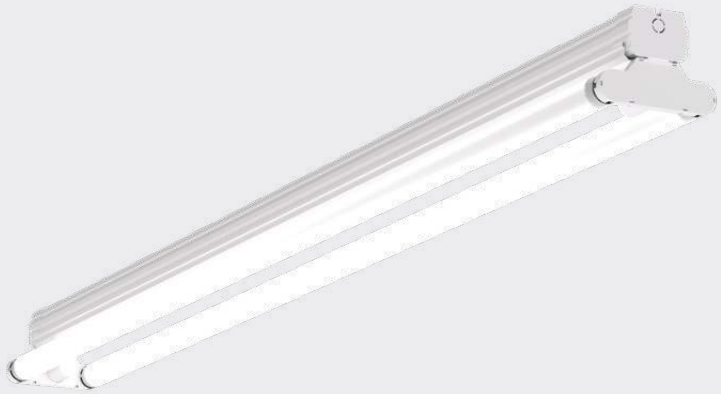
Carina Tube

Sıva Üstü LED Tüp Bant Tipi Aydınlatma Armatürleri

Surface Mounted LED Tube Batten Type Lighting Luminaires

LED | 230V 50Hz | IP20 | IK02 | CRI 80 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





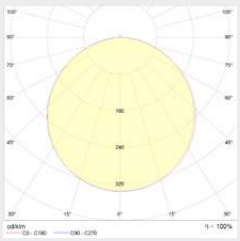
Armatür Özellikleri
Specifications of Luminaire

Gövde : DKP Sac Gövde
Body DKP Sheet Body

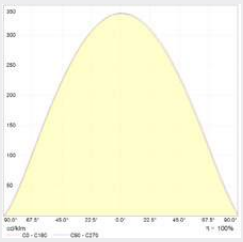
Boya : Elektrostatik Toz Boya
Paint Electrostatic Powder Paint

Duy : Duy G13
Lamp Lamp Holder G13
Holder

Işık Şiddeti Dağılım Eğrisi
Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

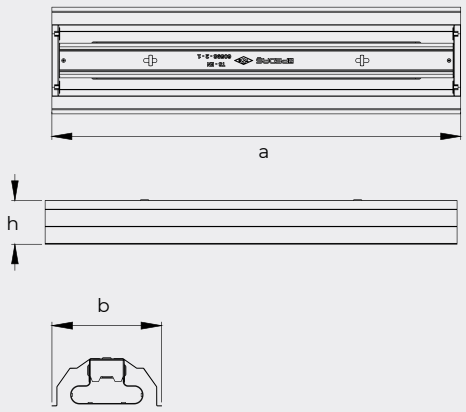
Kod Code	**Güç** Power	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
							a	b	h	a	b	h
3110-112-00	1x60cm	2700-6500K	0,5	2,4	0,03320	4	620	80	60	1300	210	80
3110-222-00	2x60cm	2700-6500K	0,6	2,8	0,03214	4	620	105	75	1300	210	80
3110-322-00	1x120cm	2700-6500K	1	2,4	0,06403	2	1225	80	60	1300	210	80
3110-442-00	2x120cm	2700-6500K	1,2	2,8	0,06403	2	1225	105	75	1300	210	80
3110-532-00	1x150cm	2700-6500K	1,6	3,6	0,121086	2	1530	80	60	1570	210	80
3110-652-00	2x150cm	2700-6500K	1,7	3,8	0,121086	2	1530	105	75	1570	210	80

Carina Tube R

Sıva Üstü LED Tüp Reflektörlü Bant Tipi Aydınlatma Armatürleri

Surface Mounted LED Tube With Reflector Batten Type Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Armatür Özellikleri

Specifications of Luminaire

Gövde : DKP Sac Gövde
Body DKP Sheet Body

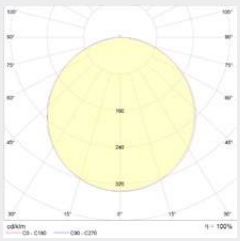
Optik : Alüminyum Reflektör
Optic Aluminum Reflector

Boya : Elektrostatik Toz Boya
Paint Electrostatic Powder Paint

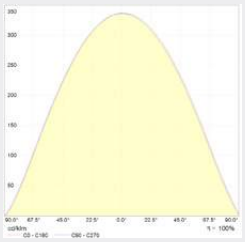
Duy : Duy G13
Lamp Lamp Holder G13
Holder

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

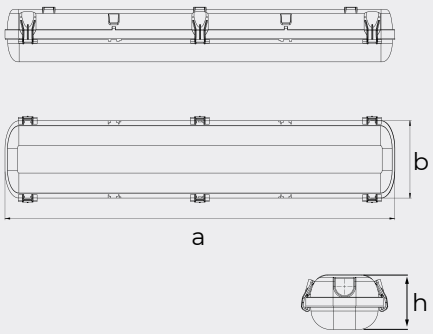
Kod Code	**Güç** Power	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
							a	b	h	a	b	h
3111-112-00	1x60cm	2700-6500K	0,5	2,4	0,03320	4	620	80	60	1300	210	80
3111-222-00	2x60cm	2700-6500K	0,6	2,8	0,03214	4	620	105	75	1300	210	80
3111-322-00	1x120cm	2700-6500K	1	2,4	0,06403	2	1225	80	60	1300	210	80
3111-442-00	2x120cm	2700-6500K	1,2	2,8	0,06403	2	1225	105	75	1300	210	80
3111-532-00	1x150cm	2700-6500K	1,6	3,6	0,121086	2	1530	80	60	1570	210	80
3111-652-00	2x150cm	2700-6500K	1,7	3,8	0,121086	2	1530	105	75	1570	210	80

Orleon Tube

Polikarbon Gövde LED Tüp Etanj Aydınlatma Armatürleri

Polycarbonate Body LED Tube Waterproof Lighting Luminaires

LED | 230V 50Hz | IP65 | IK08 | CRI 80 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Polikarbon Enjeksiyon / Polycarbonate Injection

Conta / Gasket : EPDM Ekstrüzyon / EPDM Extrusion

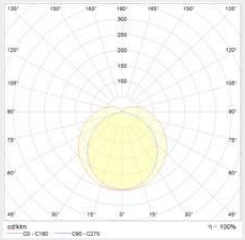
Duy Lamp Holder : G13 Duy / G13 Lamp Holder

Optik / Optic : Yüksek Geçirgenliğe Sahip Polikarbon UGR: <19 Şeffaf Difüzör / High Efficient Polycarbonate UGR: <19 Transparent Diffuser

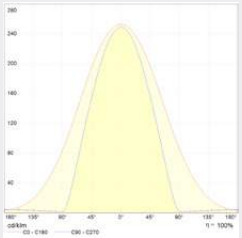
Mandal / Clip : Polikarbon Enjeksiyon / Policarbonate Injection

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

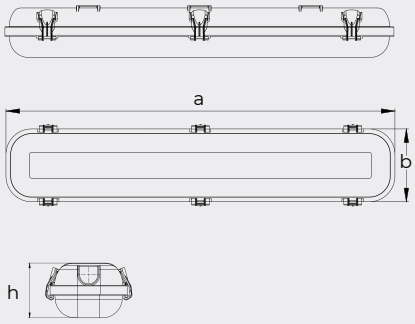
Kod Code	**Güç** Power	**Duy** Lamp Holder	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
							a	b	h	a	b	h
3105-112-00	1x60cm	G13	2,7	11	0,1250	4	665	135	90	1370	140	100
3105-242-00	2x60cm	G13	3,1	12,8	0,1250	4	665	135	90	1370	140	100
3105-322-00	1x120cm	G13	3,7	8	0,1250	2	1270	135	90	1370	140	100
3105-452-00	2x120cm	G13	4,1	8,5	0,1250	2	1270	135	90	1370	140	100
3105-432-00	1x150cm	G13	4,5	10	0,0252	2	1530	135	90	1570	140	100
3105-662-00	2x150cm	G13	5	11	0,0252	2	1530	135	90	1570	140	100

Hobby Tube

Kompozit Gövde LED Tüp Etanj Aydınlatma Armatürleri

Composite Body LED Tube Waterproof Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | TSE | CE | CRI 80 | IK 08 | IP 65 | 230V 50Hz | LED



Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Cam Elyaf Katkılı Gövde / Fiberglass Body

Conta / Gasket : EPDM Ekstrüzyon / EPDM Extrusion

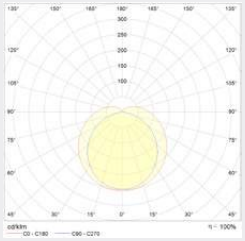
Duy / Lamp Holder : G13 Duy / G13 Lamp Holder

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Şeffaf Akrilik Difüzör / High Efficient UGR: <19 Transparent Acrylic Diffuser

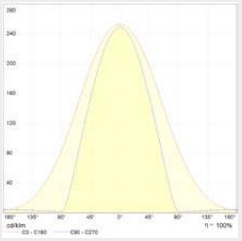
Mandal / Clip : Polikarbon Enjeksiyon / Policarbonate Injection

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

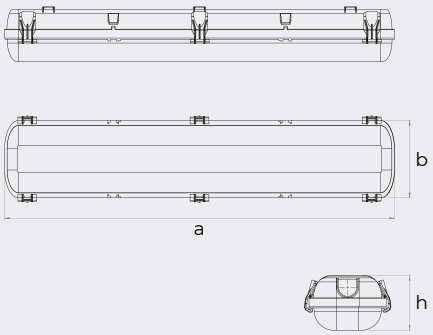
Kod Code	**Güç** Power	**Duy** Lamp Holder	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
							a	b	h	a	b	h
3106-112-00	1x60cm	G13	3,8	16	0,1250	4	682	128	90	1370	290	100
3106-142-00	2x60cm	G13	4	16,5	0,1250	4	682	128	90	1370	290	100
3106-222-00	1x120cm	G13	5,8	12	0,1250	2	1290	128	90	1370	290	100
3106-252-00	2x120cm	G13	6	12,5	0,1250	2	1290	128	90	1370	290	100
3106-332-00	1x150cm	G13	6,5	13,5	0,0252	2	1567	128	90	1570	290	100
3105-662-00	2x150cm	G13	7	14,5	0,0252	2	1567	128	90	1570	290	100

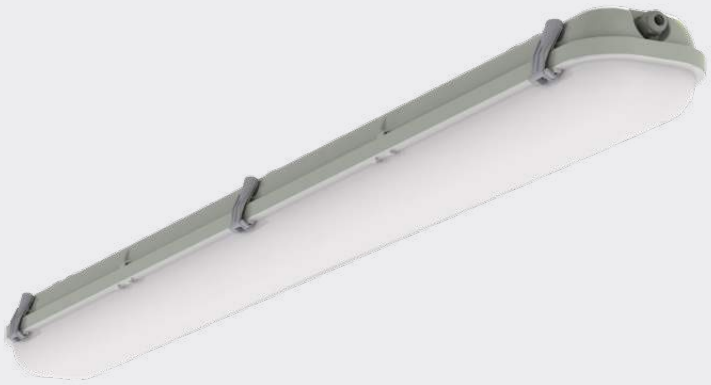
Orleon LED

Polikarbon Gövde LED Etanj Aydınlatma Armatürleri

Polycarbonate Body LED Waterproof Lighting Luminaires

LED | 230V 50Hz | IP65 | IK08 | CRI 80 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Polikarbon Enjeksiyon / Polycarbonate Injection

Conta / Gasket : EPDM Ekstrüzyon / EPDM Extrusion

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Polikarbon UGR: <19 Opal Difüzör / High Efficient Polycarbonate UGR: <19 Opal Diffuser

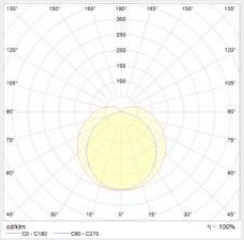
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

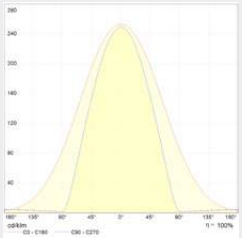
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

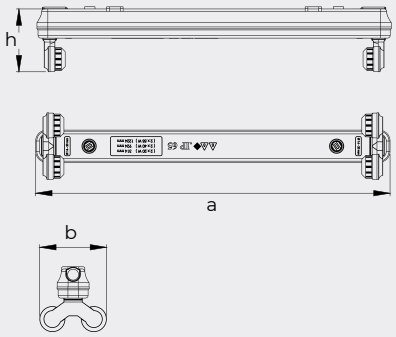
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
3107-112-00	18	1728	96	2700-6500K	3,6	29	0,0986	8	>0,95	665	85	90	1300	330	230
3107-222-00	36	3774	102	2700-6500K	4	32,5	0,0986	8	>0,95	665	135	90	1300	330	230
3107-332-00	37	3700	100	2700-6500K	5,5	23	0,1176	4	>0,95	1270	85	90	1550	330	230
3107-452-00	74	4500	105	2700-6500K	6	24,5	0,0986	4	>0,95	1270	135	90	1300	330	230
3107-542-00	45	7992	108	2700-6500K	7	14,5	0,0986	2	>0,95	1530	85	90	1300	330	230
3107-662-00	90	9360	104	2700-6500K	7,5	15,5	0,1176	2	>0,95	1530	135	90	1550	330	230

Lupo Tube

Etanj Duylu Kompozit LED Tüp Etanj Aydınlatma Armatürleri

Composite Body LED Tube Waterproof Lamp Holder Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | CE | CRI 80 | IK 02 | IP 65 | 230V 50Hz | LED



Armatür Özellikleri

Specifications of Luminaire

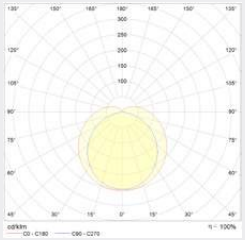
Gövde : Cam Elyaf Katkılı Gövde
Body Fiberglass Body

Conta : EPDM Ekstrüzyon
Gasket EPDM Extrusion

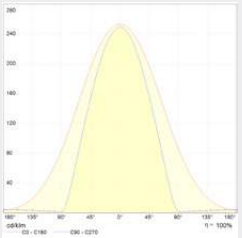
Duy : Contalı Etanj Duy G13
Lamp Waterproof Lamp Holder
Holder With Gasket, G13

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power	**Duy** Lamp Holder	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
							a	b	h	a	b	h
3108-112-00	1x60cm	G13	2,7	11	0,0202	4	650	60	115	1300	130	120
3108-242-00	2x60cm	G13	3,1	12,5	0,0202	4	650	122	115	1300	130	120
3108-322-00	1x120cm	G13	4	8,5	0,0244	2	1260	60	115	1300	130	120
3108-452-00	2x120cm	G13	4,5	9,5	0,0202	2	1260	122	115	1300	130	120
3108-532-00	1x150cm	G13	5	10,5	0,0202	2	1560	60	115	1570	130	120
3108-662-00	2x150cm	G13	5,5	11,5	0,0244	2	1560	122	115	1570	130	120

Mirror Tube

LED Ayna Üstü Aydınlatma Armatürleri

LED Mirror Lighting Luminaires

LED | 230V 50Hz | IP 40 | IK 02 | CRI 80 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

Armatür Özellikleri
Specifications of Luminaire

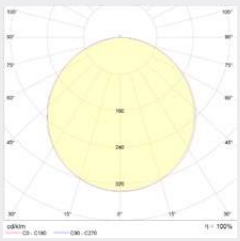
Gövde : DKP Sac Gövde
Body DKP Sheet Body

Boya : Elektrostatik Toz Boya
Paint Electrostatic Powder Paint

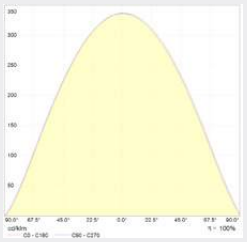
Duy : Polikarbon Duy G13
Lamp Polycarbonate Lamp Holder G13
Holder

Optik : Yüksek Geçirgenliğe Sahip
UGR: <19 Şeffaf Difüzör
Optic High Efficient
UGR: <19 Transparent Diffuser

Işık Şiddeti Dağılım Eğrisi
Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

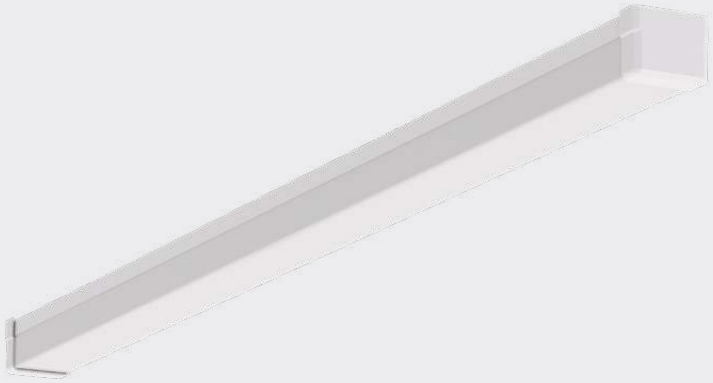
Kod Code	**Güç** Power	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
								a	b	h	a	b	h
1243-112-00	1x60cm	2700-6500K	1	2,2	0,00494	2	>0,95	600	67	85	1215	75	90
1243-222-00	1x120cm	2700-6500K	2	2,2	0,00494	1	>0,95	1200	67	85	1215	75	90

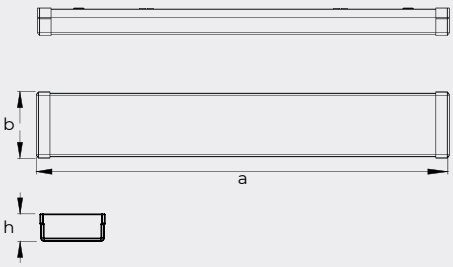
Logic

Sıva Üstü LED Okul Tipi Aydınlatma Armatürleri

Surface Mounted LED School Type Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü / L70> 50.000 Hours Life
Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip / High Efficient
UGR: <19 Opal Difüzör / UGR: <19 Opal Diffuser

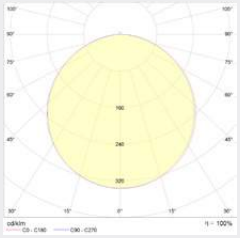
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

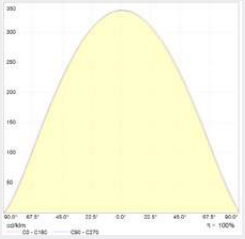
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1244-112-00	20	2100	105	2700-6500K	1	2	0,00494	2	>0,95	600	67	85	1215	75	90
1244-222-00	40	4080	102	2700-6500K	2	2,2	0,00980	1	>0,95	1200	67	85	1215	75	90

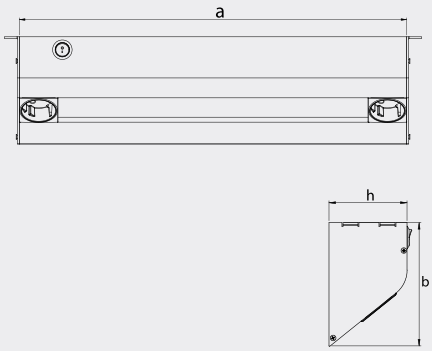
Peru

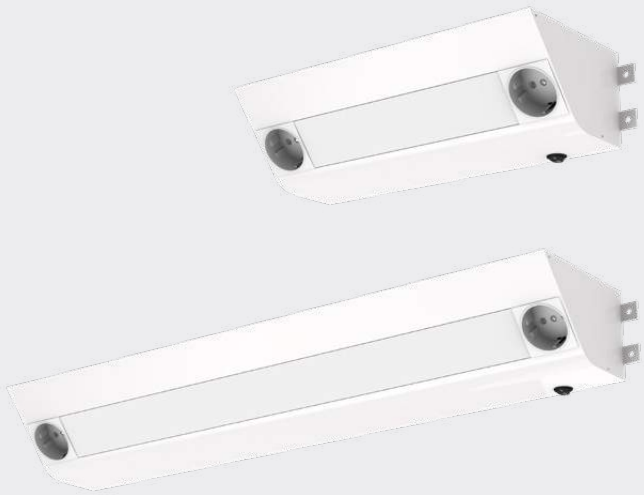
Tezgah Altı LED Aydınlatma Armatürleri

Under Cabinet LED Lighting Luminaires

LED | 230V 50Hz | IP 20 | IK 02 | CRI 80 | CE

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





ON OFF

HOTEL CAFÉ RESTAURANT

Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Ekstrüzyon
Aluminum Extrusion

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

Priz Plug : TSE Belgeli Topraklı Modüler Priz
Grounded Modular Plug with TSE Certificate

LED : L70> 36.000 Saat Ömürlü Mid Power
L70> 36.000 Hours Life Mid Power

Marka Brand : SAMSUNG | OSRAM

Optik Optic : Yüksek Geçirgenliğe Sahip
UGR: <19 Opal Difüzör
High Efficient
UGR: <19 Opal Diffuser

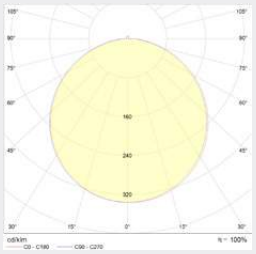
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü: Driver Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

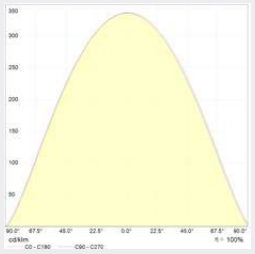
Marka Brand : OSRAM | TRIDONIC | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
1245-112-00	7	532	76	2700-6500K	0,63	0,8	0,00465	1	>0,95	300	125	80	310	150	100
1245-222-00	9	676	75	2700-6500K	0,94	1,1	0,00690	1	>0,95	450	125	80	460	150	100
1245-332-00	12	888	74	2700-6500K	1,25	1,5	0,00915	1	>0,95	600	125	80	610	150	100
1245-442-00	16	1168	73	2700-6500K	2,1	2,5	0,01515	1	>0,95	1000	125	80	1010	150	100

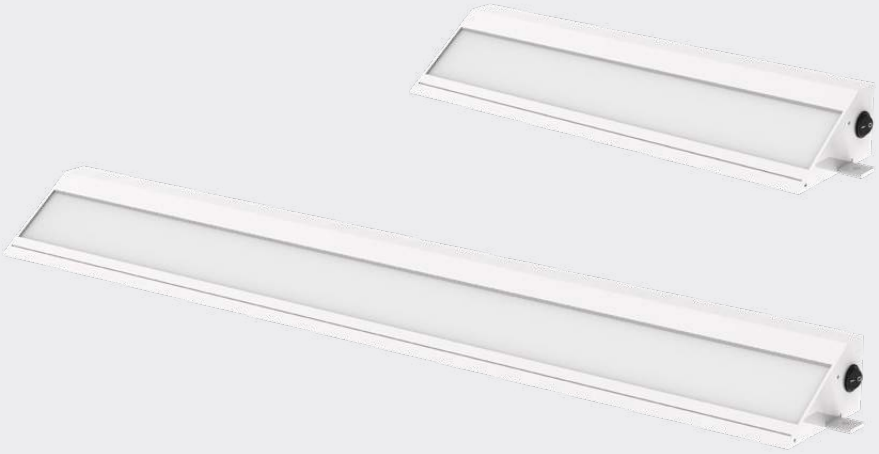
Limbo

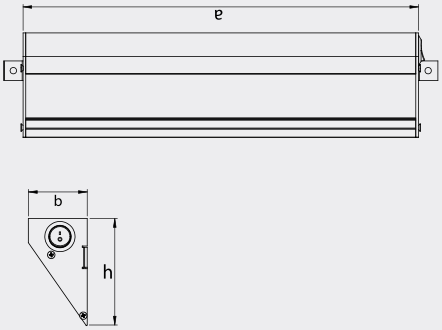
Tezgah Altı LED Aydınlatma Armatürleri

Under Cabinet LED Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

CRI 80 | IK 02 | IP 20 | 230V 50Hz | LED





ON / OFF

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 36.000 Saat Ömürlü Mid Power / L70> 36.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

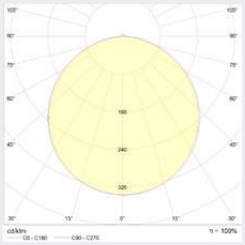
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü: Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

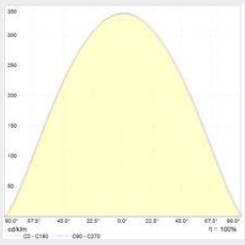
Marka / Brand : OSRAM | TRIDONIC | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

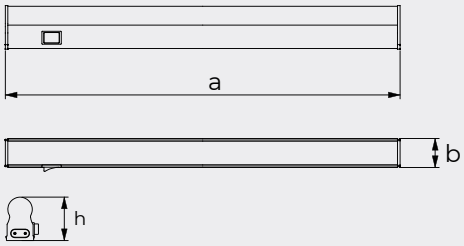
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h	**Koli Boyutları** Box Dimensions **(mm)** a	b	h
1246-112-00	8	592	74	2700-6500K	0,27	0,4	0,00465	1	>0,95	300	120	82	310	130	90
1246-222-00	10	740	74	2700-6500K	0,40	0,6	0,00690	1	>0,95	450	120	82	460	130	90
1246-332-00	15	1095	73	2700-6500K	0,53	0,8	0,00915	1	>0,95	600	120	82	610	130	90
1246-442-00	20	1440	72	2700-6500K	0,90	1,3	0,01515	1	>0,95	1000	120	82	1010	130	90

Breco

Sıva Üstü LED Lineer Aydınlatma Armatürleri

Surface Mounted LED Linear Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | CE | CRI 80 | IK 02 | IP 40 | 230V 50Hz | LED



ON / OFF

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Polikarbon Ekstrüzyon / Polycarbonate Extrusion

Kapak / Cover : Polikarbon Enjeksiyon / Polycarbonate Injection

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

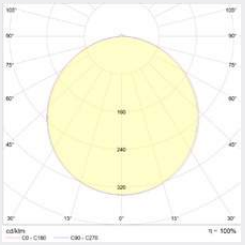
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

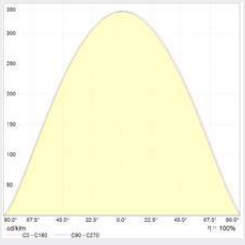
Marka / Brand : PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve

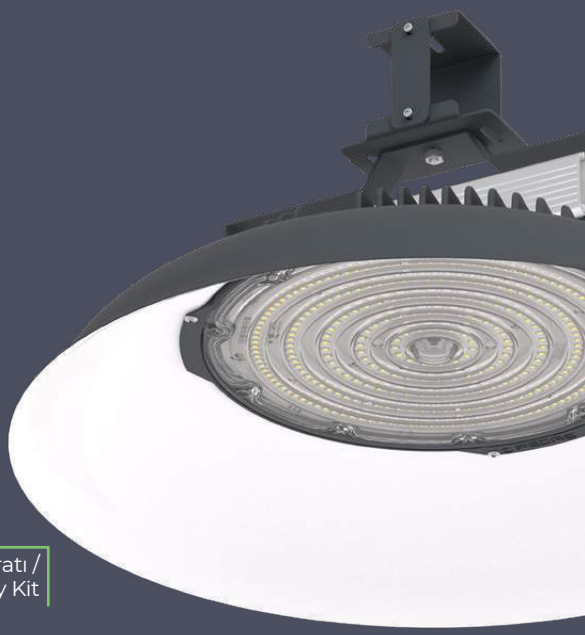


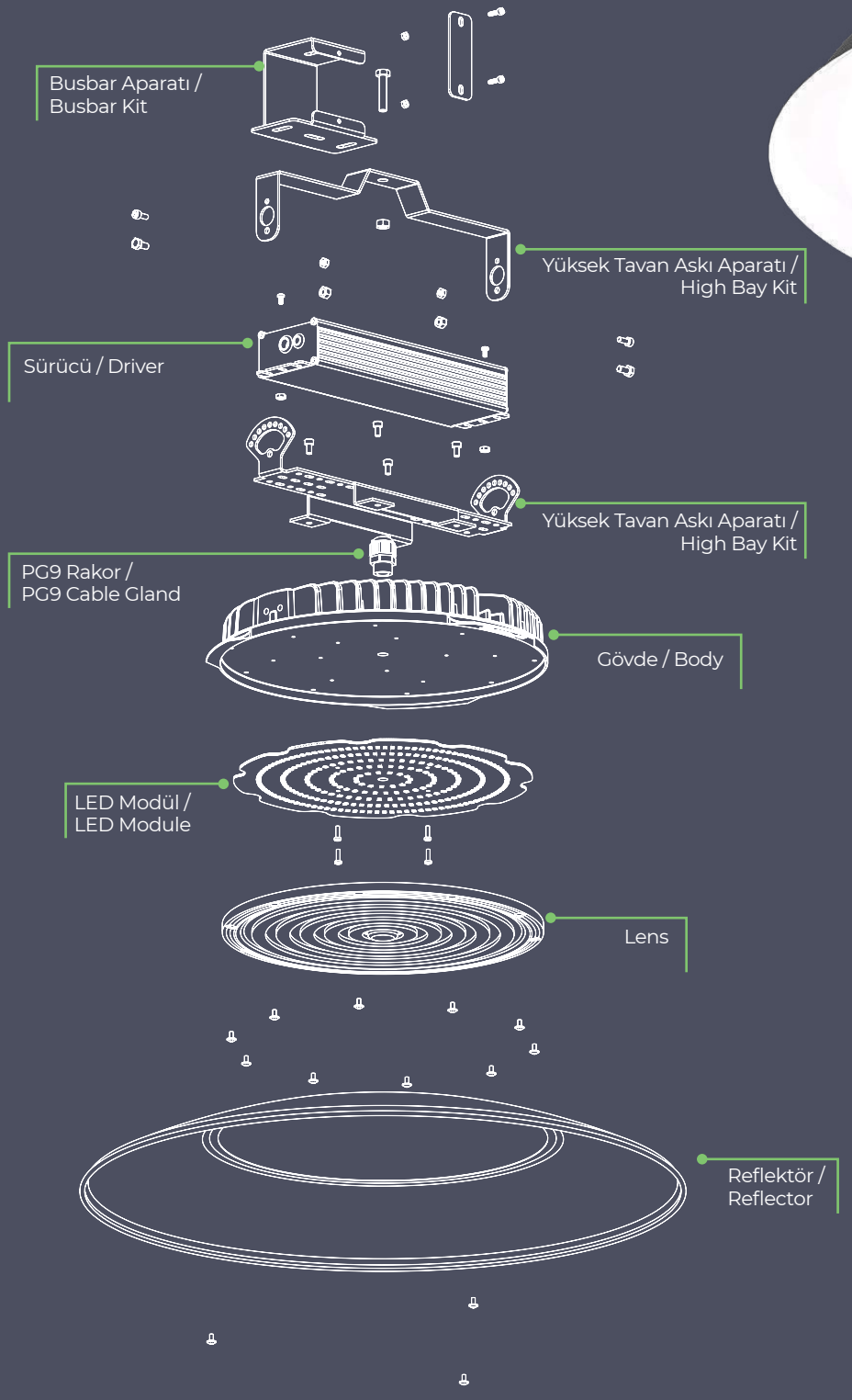
Kartezyen Diagram
Cartesian Diagram

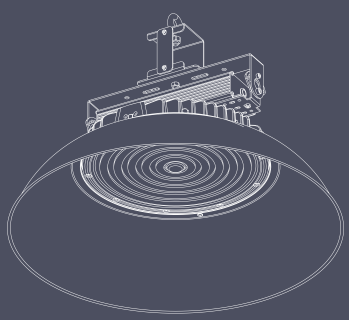
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
4227-113-00	4	385	96	2700-6500K	0,10	3	0,0082	25	>0,95	300	30	30	320	160	160
4227-223-00	8	760	95	2700-6500K	0,20	5,5	0,0159	25	>0,95	600	30	30	620	160	160
4227-333-00	12	1150	96	2700-6500K	0,35	6	0,0206	16	>0,95	900	30	30	1220	130	130
4227-443-00	16	1480	92	2700-6500K	0,50	5	0,0122	9	>0,95	1200	30	30	1220	100	100

Yüksek ve Alçak Tavan Aydınlatma Armatürleri

LED High&Low Bay Lighting Luminaires







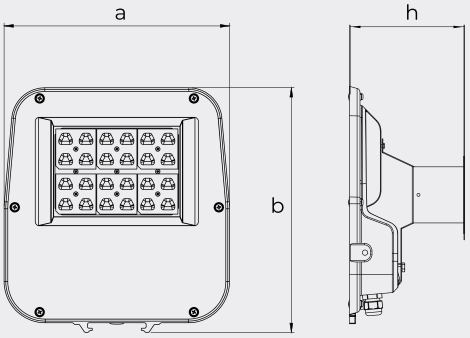
161 • **Sirius S**
162 • **Sirius M**
163 • **Sirius L**
164 • **Ronda**
165 • **Inea**
166 • **Zirve LED**
167 • **Leo**
168 • **Up Leo**

Sirius S

Yüksek ve Alçak Tavan LED Aydınlatma Armatürü

LED High&Low Bay Lighting Luminaire

LED | 230V 50Hz | IP66 | IK08 | CRI 80 | CE | TSE | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM | 1-3 Saat

DEPO | MARKET

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM & Silikon Ekstrüzyon / EPDM & Silicone Extrusion

LED : L70> 100.000 Saat Ömürlü High Power / L70> 100.000 Hours Life High Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam UGR: <19 Lens / High Efficient Glass UGR: <19 Lens

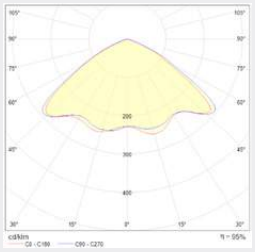
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

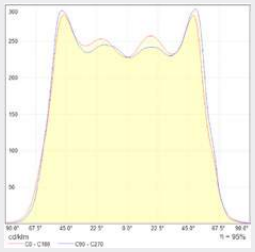
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

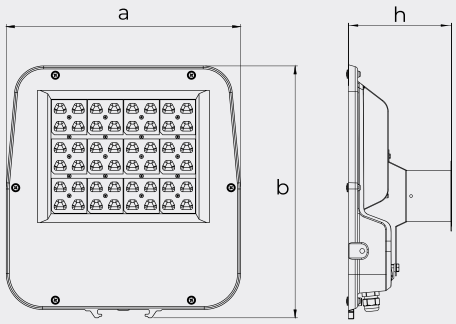
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
3212-113-00	20	2820	141	2700-6500K	3	3,4	0,0116	1	>0,95	280	304	148	315	410	110
3212-123-00	32	4401	136	2700-6500K	3	3,4	0,0116	1	>0,95	280	304	148	315	410	110
3212-133-00	41	5598	136	2700-6500K	3	3,4	0,0116	1	>0,95	280	304	148	315	410	110
3212-143-00	51	6993	136	2700-6500K	3	3,4	0,0116	1	>0,95	280	304	148	315	410	110
3212-153-00	61	8211	135	2700-6500K	3	3,4	0,0116	1	>0,95	280	304	148	315	410	110
3212-163-00	71	9314	130	2700-6500K	3	3,4	0,0116	1	>0,95	280	304	148	315	410	110
3212-173-00	80	10176	127	2700-6500K	3	3,4	0,0116	1	>0,95	280	304	148	315	410	110

Sirius M

Yüksek ve Alçak Tavan LED Aydınlatma Armatürü

LED High&Low Bay Lighting Luminaire

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Enjeksiyon
Aluminum Injection

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Paint

Conta Gasket : EPDM & Silikon Ekstrüzyon
EPDM & Silicone Extrusion

LED : L70> 100.000 Saat Ömürlü High Power
L70> 100.000 Hours Life High Power

Marka Brand : SAMSUNG | OSRAM | NICHIA

Optik Optic : Yüksek Geçirgenliğe Sahip Cam
UGR: <19 Lens
High Efficient Glass
UGR: <19 Lens

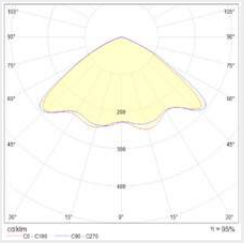
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü: Driver Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

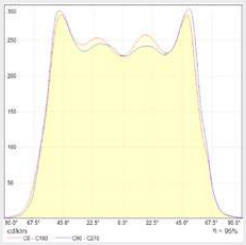
Marka Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

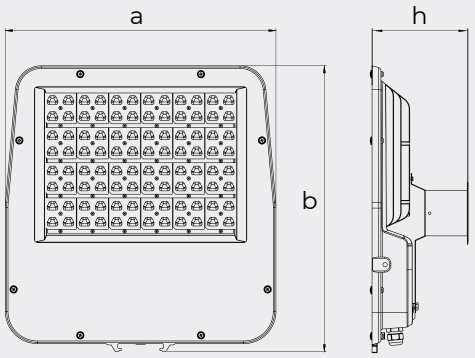
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
3213-113-00	92	13164	142	2700-6500K	4,2	4,6	0,01732	1	>0,95	330	359	153	360	460	110
3213-123-00	102	14384	140	2700-6500K	4,2	4,6	0,01732	1	>0,95	330	359	153	360	460	110
3213-133-00	112	15610	138	2700-6500K	4,2	4,6	0,01732	1	>0,95	330	359	153	360	460	110
3213-143-00	122	16566	135	2700-6500K	4,2	4,6	0,01732	1	>0,95	330	359	153	360	460	110
3213-153-00	132	17600	132	2700-6500K	4,2	4,6	0,01732	1	>0,95	330	359	153	360	460	110
3213-163-00	143	18646	130	2700-6500K	4,2	4,6	0,01732	1	>0,95	330	359	153	360	460	110
3213-173-00	150	19787	132	2700-6500K	4,2	4,6	0,01732	1	>0,95	330	359	153	360	460	110

Sirius L

Yüksek ve Alçak Tavan LED Aydınlatma Armatürü

LED High&Low Bay Lighting Luminaire

LED | 230V 50Hz | IP66 | IK08 | CRI 80 | CE | TSE | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

DEPO | MARKET

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM & Silikon Ekstrüzyon / EPDM & Silicone Extrusion

LED : L70> 100.000 Saat Ömürlü High Power / L70> 100.000 Hours Life High Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam UGR: <19 Lens / High Efficient Glass UGR: <19 Lens

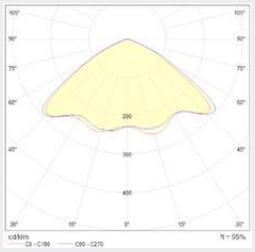
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

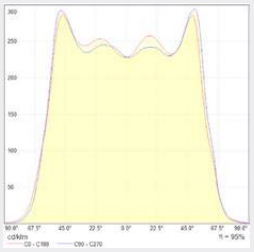
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
3214-113-00	160	22880	143	2700-6500K	8,8	9,5	0,02732	1	>0,95	430	455	150	460	540	110
3214-123-00	180	25380	141	2700-6500K	8,8	9,5	0,02732	1	>0,95	430	455	150	460	540	110
3214-133-00	200	27800	139	2700-6500K	8,8	9,5	0,02732	1	>0,95	430	455	150	460	540	110
3214-143-00	220	29920	136	2700-6500K	8,8	9,5	0,02732	1	>0,95	430	455	150	460	540	110
3214-153-00	230	30360	132	2700-6500K	8,8	9,5	0,02732	1	>0,95	430	455	150	460	540	110
3214-163-00	240	31440	131	2700-6500K	8,8	9,5	0,02732	1	>0,95	430	455	150	460	540	110
3214-173-00	250	32500	130	2700-6500K	8,8	9,5	0,02732	1	>0,95	430	455	150	460	540	110

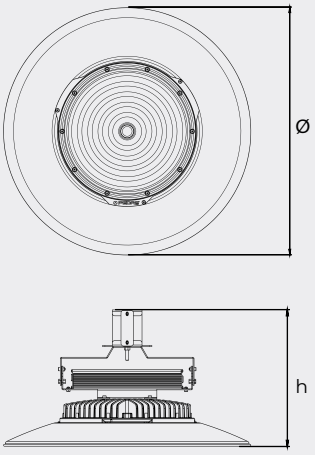
Ronda

Yüksek ve Alçak Tavan LED Aydınlatma Armatürü

LED High&Low Bay Lighting Luminaire

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

30° 60° 90°



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Enjeksiyon
Aluminum Injection

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Paint

Conta Gasket : Plastik Enjeksiyon
Plastic Ijnection

LED : L70> 50.000 Saat Ömürlü Mid Power
L70> 50.000 Hours Life Mid Power

Marka Brand : SAMSUNG | OSRAM | NICHIA

Optik Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Lens
High Efficient Glass UGR: <19 Lens

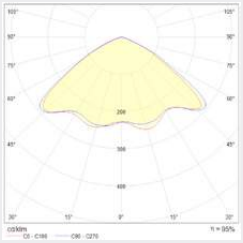
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü: Driver Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

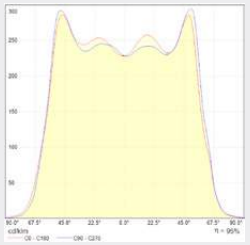
Marka Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
3218-113-00	80	11200	140	2700-6500K	4,5	5	0,010092	1	>0,95	280	112	300	300	140
3218-133-00	100	13800	138	2700-6500K	4,5	5	0,010092	1	>0,95	280	112	300	300	140
3218-153-00	130	16640	128	2700-6500K	4,5	5	0,010092	1	>0,95	280	112	300	300	140
3218-173-00	150	18600	124	2700-6500K	4,5	5	0,010092	1	>0,95	280	112	300	300	140
3218-103-00	180	21391	119	2700-6500K	4,5	5	0,010092	1	>0,95	280	112	300	300	140

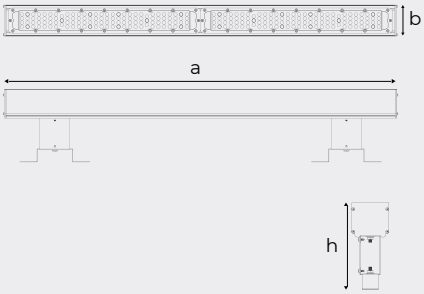
Inea

Yüksek ve Alçak Tavan LED Aydınlatma Armatürleri

LED High&Low Bay Lighting Luminaires

LED | 230V 50Hz | IP65 | IK08 | CRI 80 | CE

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | 1-3 Saat

DEPO | MARKET

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Eloksal Kaplama / Anodized Coating

Conta / Gasket : Plastik Enjeksiyon / Plastic Ijnection

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Lens / High Efficient Glass UGR: <19 Lens

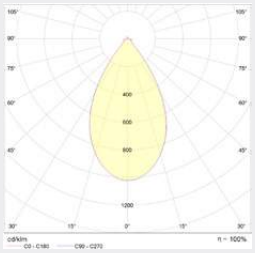
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

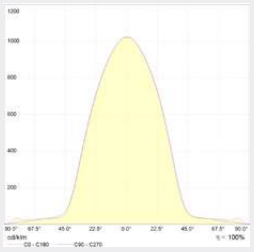
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

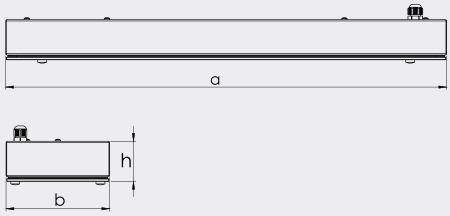
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
3216-112-00	40	6021	150	2700-6500K	1,7	4,1	0,0085	2	>0,95	450	65	68	1050	85	85
3216-122-00	60	8411	140	2700-6500K	1,7	4,1	0,0085	2	>0,95	450	65	68	1050	85	85
3216-232-00	80	11520	144	2700-6500K	2,9	3,3	0,0085	1	>0,95	900	65	68	1050	85	85
3216-242-00	110	15412	140	2700-6500K	2,9	3,3	0,0085	1	>0,95	900	65	68	1050	85	85
3216-352-00	140	19320	138	2700-6500K	4,1	4,5	0,0122	1	>0,95	1310	65	68	1510	85	85
3216-362-00	160	21440	136	2700-6500K	4,1	4,5	0,0122	1	>0,95	1310	65	68	1510	85	85

Zirve LED

Alçak Tavan LED Aydınlatma Armatürü

LED Low Bay Lighting Luminaire

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM Dökme / EPDM Cast

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam UGR: <19 Eloksal Reflektör / High Efficient Glass UGR: <19 Anodized Reflector

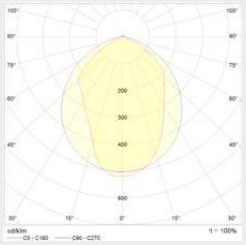
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

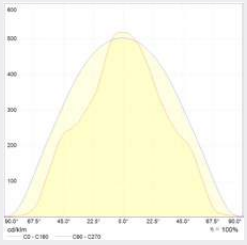
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

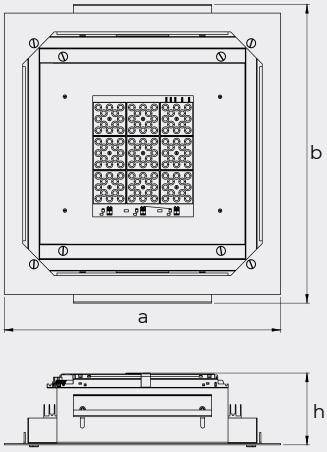
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
3215-112-00	50	6250	125	2700-6500K	2,7	6	0,02016	2	>0,95	646	152	63	1300	160	100
3215-222-00	100	12998	130	2700-6500K	4,8	5	0,02016	1	>0,95	1247	152	63	1300	160	100

Leo

Sıva Altı LED Kanopi Aydınlatma Armatürleri

Recessed Mounted LED Canopy Lighting Luminaires

LED | 230V 50Hz | IP65 | IK08 | CRI 80 | EN 60598-2-2 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



30° 60° 90°

1-10V | DALI | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon & DKP Sac / Aluminum Extrusion & DKP Sheet

Conta / Gasket : EPDM Dökme / EPDM Cast

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & Lens / High Efficient Glass & Lens

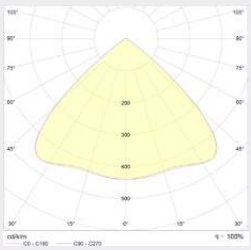
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

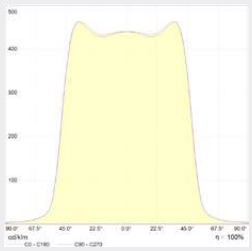
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
3320-112-00	65	7345	113	2700-6500K	4	4,2	0,0370	1	>0,95	265x265	300	300	110	490	425	180
3320-222-00	90	9900	110	2700-6500K	4,9	5,1	0,0370	1	>0,95	375x375	420	420	110	490	425	180

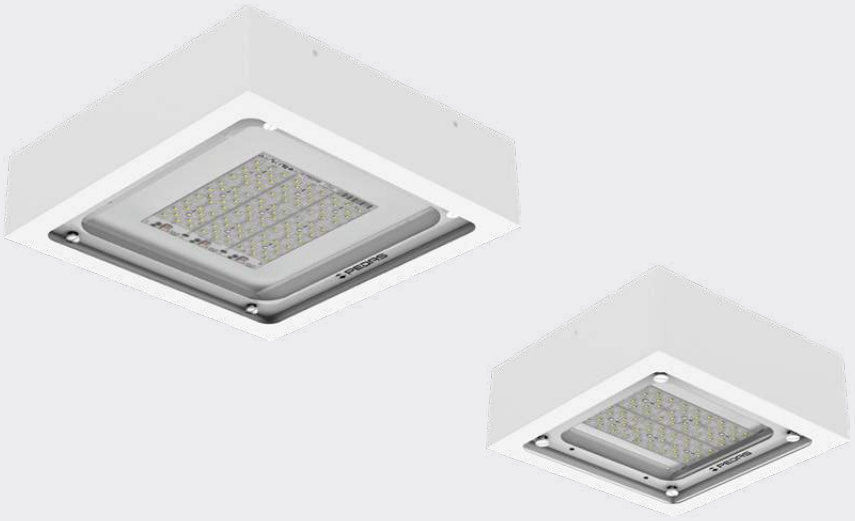
Up Leo

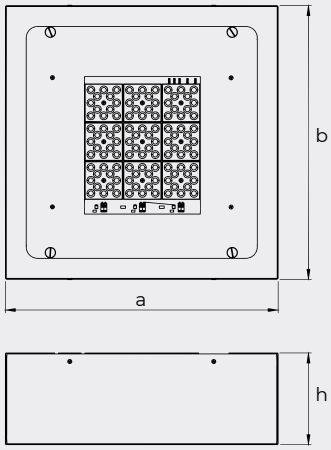
Sıva Üstü LED Kanopi Aydınlatma Armatürleri

Surface Mounted LED Canopy Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | CRI 80 | IK 08 | IP 65 | 230V 50Hz | LED

30° 60° 90°





1-10V | DALI | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon & DKP Sac / Aluminum Extrusion & DKP Sheet

Conta / Gasket : EPDM Dökme / EPDM Cast

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & Lens / High Efficient Glass & Lens

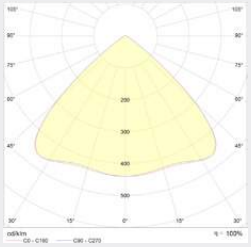
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

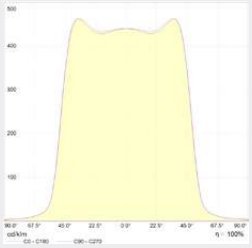
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve

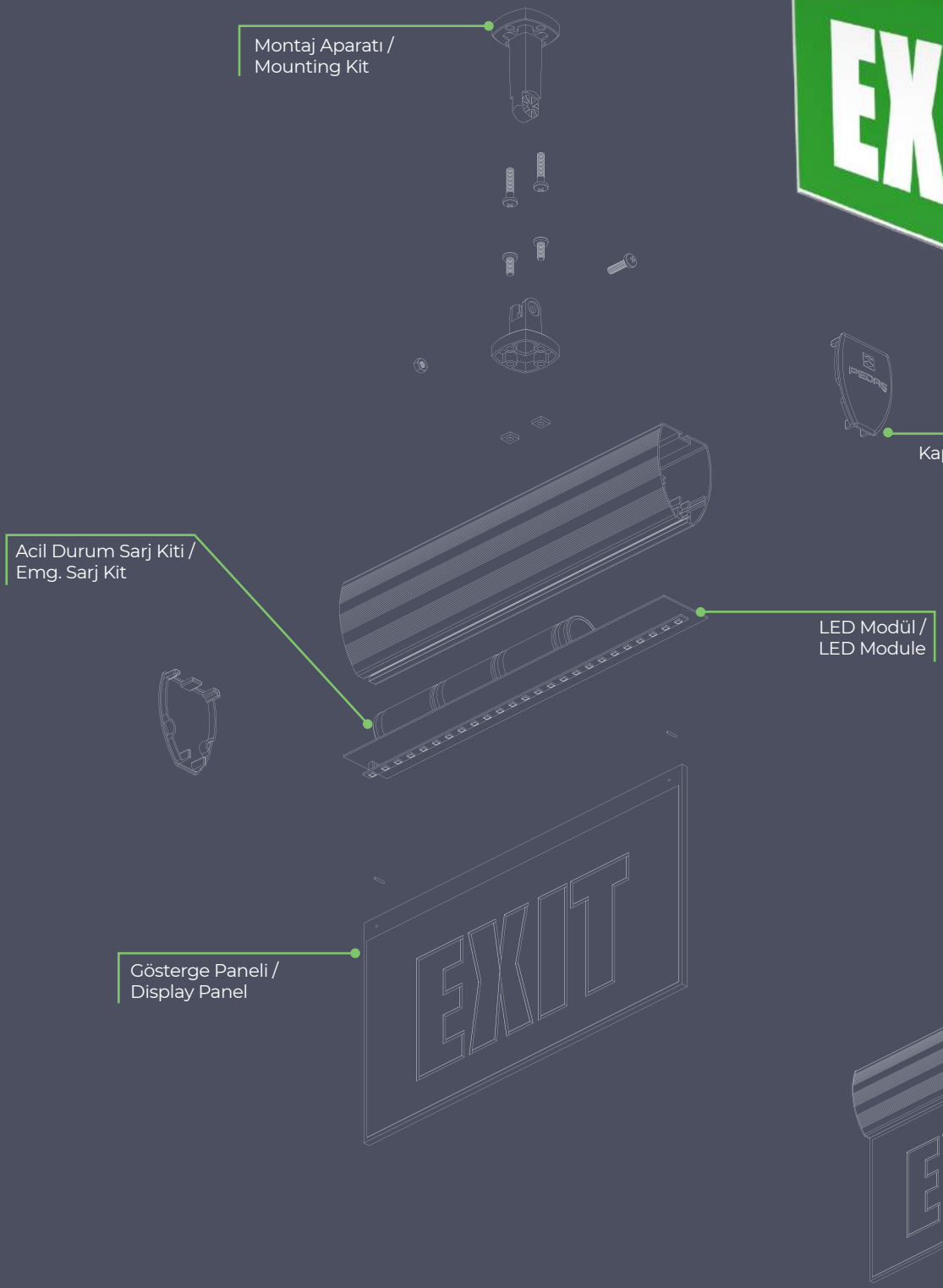


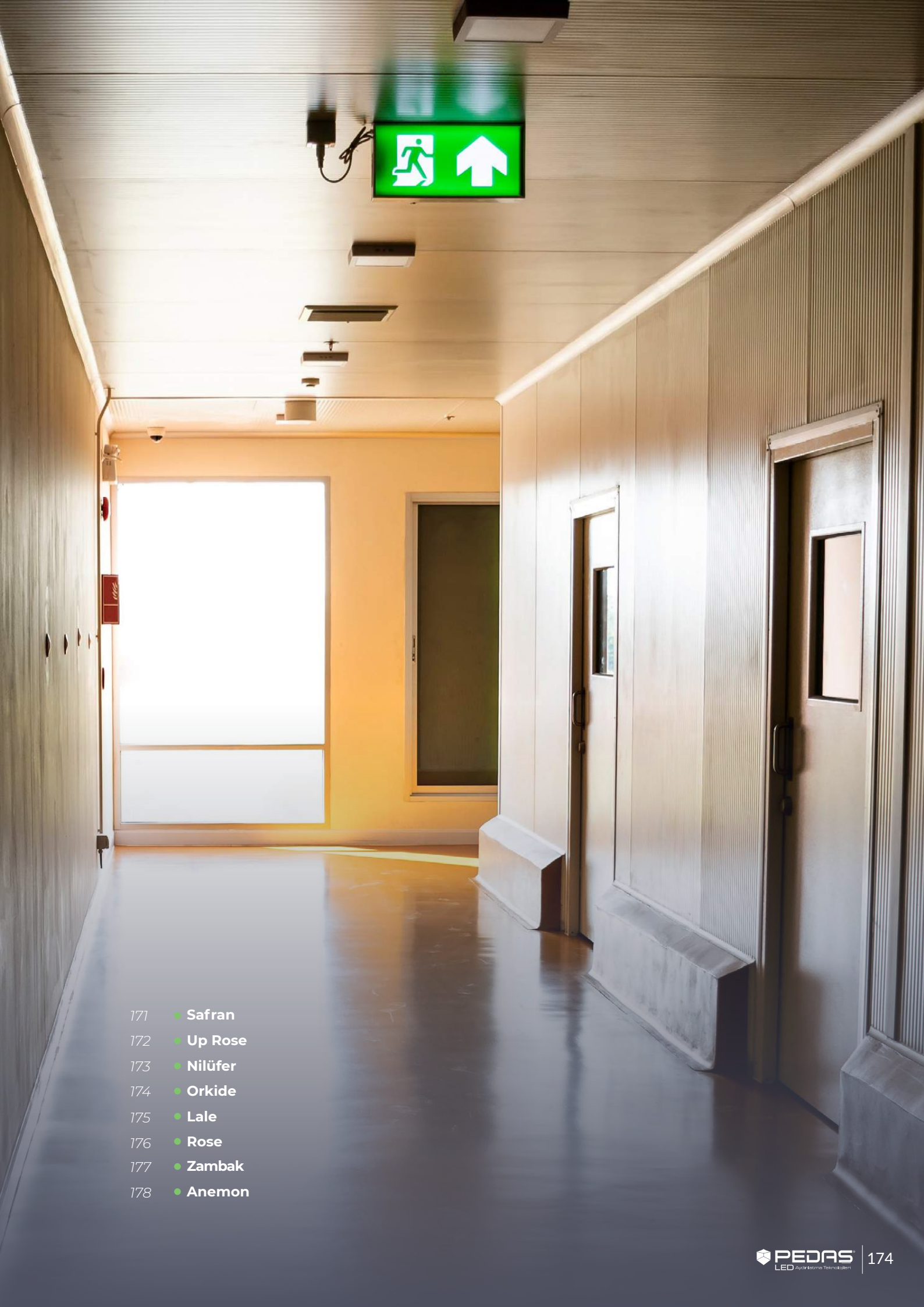
Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
3321-112-00	65	7345	113	2700-6500K	4,3	4,5	0,0370	1	>0,95	256	256	130	490	425	180
3321-222-00	90	9900	110	2700-6500K	5,3	5,5	0,0370	1	>0,95	361	361	120	490	425	180

Acil Durum Aydınlatma ve Yönlendirme Armatürleri

Emergency Lighting and Direction Luminaires





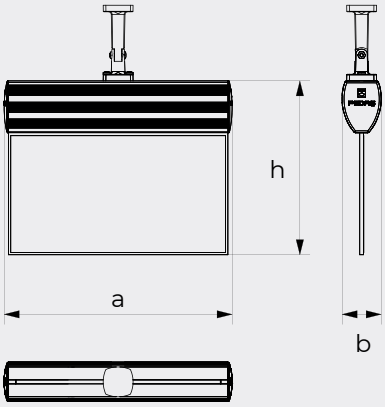
171 • Safran
172 • Up Rose
173 • Nilüfer
174 • Orkide
175 • Lale
176 • Rose
177 • Zambak
178 • Anemon

Safran

Sıva Üstü LED Acil Durum ve Yönlendirme Armatürü

Surface Mounted LED Emergency Lighting Luminaire

LED | 230V 50Hz | IP20 | IK02 | CRI80 | EN 60598-2-22



Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Ekstrüzyon
Aluminum Extrusion

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü Mid Power LED
L70> 50.000 Hours Mid Life Power LED

Marka Brand : OSRAM | SAMSUNG

Optik Optic : Yüksek Geçirgenliğe Sahip PMMA
High Efficient PMMA

PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü Driver : Pedaş Marka Yüksek Verimli
Pedaş Brand High Efficient

Marka Brand : PEDAS

Opsiyonlar Options : Tek ve Çift Yüzlü Uygulama
Single and Double Sided Label

Sarj Süresi Charging Time : 24 Saat / 24 Hours

Desarj Süresi Discharging Time : 1-3 Saat
1-3 Hours

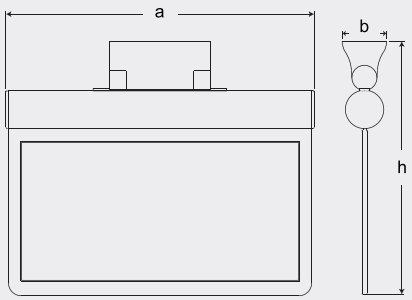
Kod Code	**Montaj Tipi** Mounting type	**Güç** Power **(W)**	**Lamba** Lamp	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
								a	b	h	a	b	h
1235-110-00	Tek yüz, Sıva Üstü / One Side Surface Mounted	3	LED	0,7	7	0,0214	10	245	42	185	255	195	430
1235-210-00	Çift yüz, Sıva Üstü / Double Side Surface Mounted	3	LED	0,7	7	0,0214	10	245	42	185	255	195	430

Up Rose

Sıva Üstü LED Acil Durum ve Yönlendirme Armatürü

Surface Mounted LED Emergency Lighting Luminaire

EN 60598-2-22 | CE | CRI 80 | IK 02 | IP 20 | 230V 50Hz | LED



Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Ekstrüzyon
Aluminum Extrusion

Boya Paint : ABS Plastik Kapaklar
ABS Plastic Covers

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours Mid Life
Power LED

Marka Brand : OSRAM | SAMSUNG

Optik Optic : Yüksek Geçirgenliğe Sahip PMMA
High Efficient PMMA

PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü: Driver Pedaş Marka Yüksek Verimli
Pedaş Brand High Efficient

Marka Brand : PEDAS

Opsiyonlar Options : Tek ve Çift Yüzlü Uygulama
Single and Double Sided Label

Sarj Süresi Charging Time : 24 Saat / 24 Hours

Desarj Süresi Discharging Time : 1-3 Saat
1-3 Hours

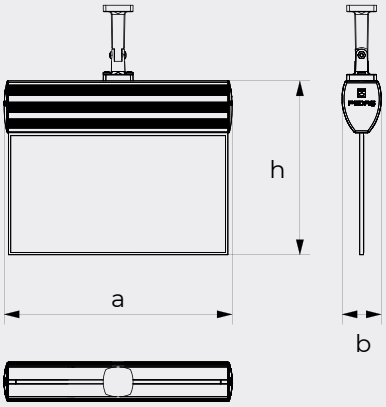
Kod Code	**Montaj Tipi** Mounting type	**Güç** Power **(W)**	**Lamba** Lamp	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
								a	b	h	a	b	h
4210-110-00	Tek yüz, Sıva Üstü / One Side Surface Mounted	1,5	LED	0,45	0,6	0,0037	1	240	40	170	260	45	180
4210-210-00	Çift yüz, Sıva Üstü / Double Side Surface Mounted	1,5	LED	0,45	0,6	0,0037	1	240	40	170	260	45	180

Nilüfer

Sıva Üstü LED Acil Durum ve Yönlendirme Armatürü

Surface Mounted LED Emergency Lighting Luminaire

LED | 230 V 50 Hz | IP 20 | IK 02 | CRI 80 | CE | EN 60598-2-22



Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Ekstrüzyon
Aluminum Extrusion

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü Mid Power LED
L70> 50.000 Hours Mid Life Power LED

Marka Brand : OSRAM | SAMSUNG

Optik Optic : Yüksek Geçirgenliğe Sahip PMMA
High Efficient PMMA

PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü Driver : Pedaş Marka Yüksek Verimli
Pedaş Brand High Efficient

Marka Brand : PEDAS

Opsiyonlar Options : Tek ve Çift Yüzlü Uygulama
Single and Double Sided Label

Sarj Süresi Charging Time : 24 Saat / 24 Hours

Desarj Süresi Discharging Time : 1-3 Saat
1-3 Hours

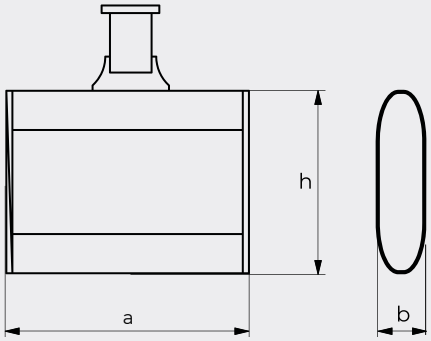
Kod Code	**Montaj Tipi** Mounting type	**Güç** Power **(W)**	**Lamba** Lamp	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
								a	b	h	a	b	h
4211-110-00	Tek yüz, Sıva Üstü / One Side Surface Mounted	3	LED	0,9	9,2	0,0290	10	365	43	166	375	176	440
4211-210-00	Çift yüz, Sıva Üstü / Double Side Surface Mounted	3	LED	0,9	9,2	0,0290	10	365	43	166	375	176	440

Orkide

Sıva Üstü LED Acil Durum ve Yönlendirme Armatürü

Surface Mounted LED Emergency Lighting Luminaire

EN 60598-2-22 | CE | CRI 80 | IK 02 | IP 20 | 230V 50Hz | LED



Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Ekstrüzyon
Aluminum Extrusion

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours Mid Life
Power LED

Marka Brand : OSRAM | SAMSUNG

Optik Optic : Yüksek Geçirgenliğe Sahip PMMA
High Efficient PMMA

PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

Marka Brand : PEDAS

Opsiyonlar Options : Tek ve Çift Yüzlü Uygulama
Single and Double Sided Label

Sarj Süresi Charging Time : 24 Saat / 24 Hours

Desarj Süresi Discharging Time : 1-3 Saat
1-3 Hours

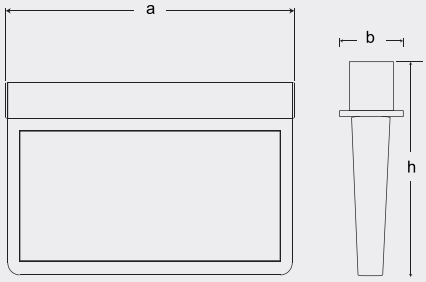
Kod Code	**Montaj Tipi** Mounting type	**Güç** Power **(W)**	**Lamba** Lamp	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
								a	b	h	a	b	h
4213-110-00	Tek yüz, Sıva Üstü / One Side Surface Mounted	2	LED	1,3	6,5	0,0179	5	335	63	130	350	140	365
4213-210-00	Çift yüz, Sıva Üstü / Double Side Surface Mounted	2	LED	1,3	6,5	0,0179	5	335	63	130	350	140	365

Lale

Sıva Üstü LED Acil Durum ve Yönlendirme Armatürü

Surface Mounted LED Emergency Lighting Luminaire

LED | 230V 50Hz | IP65 | IK02 | CRI 80 | CE | EN 60598-2-22



Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : ABS

Kapak / Cover : ABS Plastik Kapaklar
ABS Plastic Covers

LED : L70> 50.000 Saat Ömürlü Mid Power LED
L70> 50.000 Hours Mid Life Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip PMMA
High Efficient PMMA

PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü / Driver : Pedaş Marka Yüksek Verimli
Pedaş Brand High Efficient

Marka / Brand : PEDAS

Opsiyonlar / Options : Tek ve Çift Yüzlü Uygulama
Single and Double Sided Label,

Sarj Süresi / Charging Time : 24 Saat / 24 Hours

Desarj Süresi / Discharging Time : 1-3 Saat
1-3 Hours

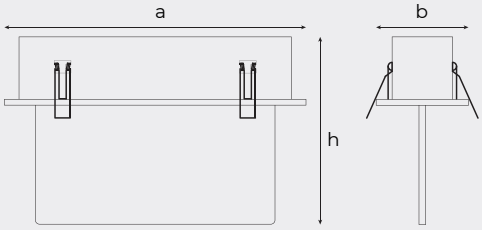
Kod Code	**Montaj Tipi** Mounting type	**Güç** Power **(W)**	**Lamba** Lamp	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
								a	b	h	a	b	h
4212-110-00	Tek yüz, Sıva Üstü / One Side Surface Mounted	1,5	LED	0,45	0,55	0,0033	1	355	118	215	365	125	225
4212-210-00	Çift yüz, Sıva Üstü / Double Side Surface Mounted	1,5	LED	0,55	0,65	0,0033	1	355	118	215	365	125	225

Rose

Sıva Altı LED Acil Durum ve Yönlendirme Armatürü

Recessed Mounted LED Emergency Lighting Luminaire

EN 60598-2-22



Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Ekstrüzyon
Aluminum Extrusion

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours Mid Life
Power LED

Marka Brand : OSRAM | SAMSUNG

Optik Optic : Yüksek Geçirgenliğe Sahip PMMA
High Efficient PMMA

PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü: Driver Pedaş Marka Yüksek Verimli
Pedaş Brand High Efficient

Marka Brand : PEDAS |

Opsiyonlar Options : Tek ve Çift Yüzlü Uygulama
Single and Double Sided Label

Sarj Süresi Charging Time : 24 Saat / 24 Hours

Desarj Süresi Discharging Time : 1-3 Saat
1-3 Hours

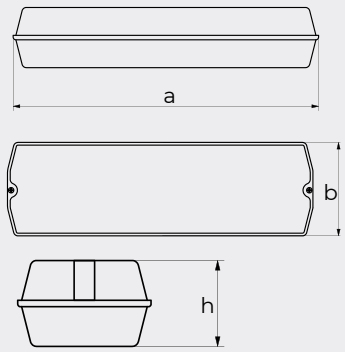
Kod Code	**Montaj Tipi** Mounting type	**Güç** Power **(W)**	**Lamba** Lamp	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
									a	b	h	a	b	h
4110-110-00	Tek yüz, Sıva Altı / One Side Recessed Mounted	1,5	LED	0,5	0,7	0,0037	1	330x75	360	110	225	370	120	230
4110-210-00	Çift yüz, Sıva Altı / Double Side Recessed Mounted	1,5	LED	0,5	0,7	0,0037	1	330x75	360	110	225	370	120	230

Zambak

Sıva Üstü LED Acil Durum Aydınlatma ve Yönlendirme Armatürü

Surface Mounted LED Emergency Lighting Luminaire

LED | 230V 50Hz | IP65 | IK02 | CRI 80 | CE | EN 60598-2-22



Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : ABS

Kapak / Cover : ABS Plastik Kapaklar
ABS Plastic Covers

LED : L70> 50.000 Saat Ömürlü Mid Power LED
L70> 50.000 Hours Mid Life Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip PMMA
High Efficient PMMA

PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü / Driver : Pedaş Marka Yüksek Verimli
Pedaş Brand High Efficient

Marka / Brand : PEDAS

Opsiyonlar / Options : Tek Yüzlü Uygulama
Single Sided Label

Sarj Süresi / Charging Time : 24 Saat / 24 Hours

Desarj Süresi / Discharging Time : 1-3 Saat
1-3 Hours

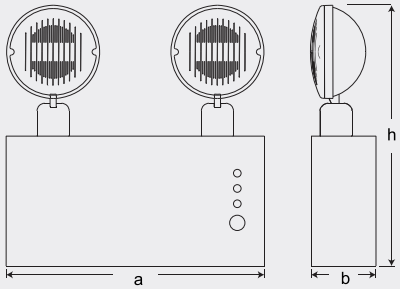
Kod Code	**Montaj Tipi** Mounting type	**Güç** Power **(W)**	**Lamba** Lamp	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
								a	b	h	a	b	h
4214-110-04	Acilde / 1 saat Maintained / 1h	2	LED	0,8	4,3	0,0168	5	355	118	74	350	140	400
4214-110-05	Acilde / 3 saat Maintained / 3h	2	LED	0,9	4,7	0,0168	5	355	118	74	350	140	400
4214-210-04	Sürekli / 1 saat Maintained / 1h	2	LED	0,8	4,3	0,0168	5	355	118	74	350	140	400
4214-210-05	Sürekli / 3 saat Maintained / 3h	2	LED	0,9	4,7	0,0168	5	355	118	74	350	140	400

Anemon

Taşınabilir LED Acil Durum Aydınlatma Armatürü

Portable LED Emergency Lighting Luminaire

EN 60598-2-22



Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : ABS / DKP Sac
ABS / DKP Sheet

Boya / Paint : Elektrostatik Toz Boya
Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü
Mid Power LED
L70> 50.000 Hours Life
Mid Power LED

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip PC
High Efficient PC

Sarj Süresi / Charging T. : Bataryalı modellerde ilk kullanımda şarj süresi 24 saattir.
Charging time is 24 hours before first use.

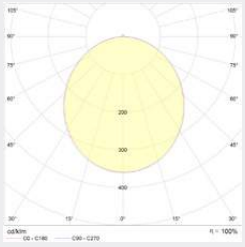
Desarj Süresi / Discharging T. : 1-3 Saat
1-3 Hours

Sürücü / Driver : Pedaş Marka Yüksek Verimli
Pedaş Brand High Efficient

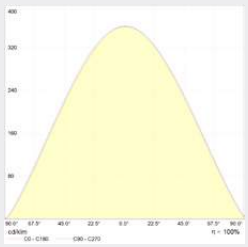
Marka / Brand : PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve

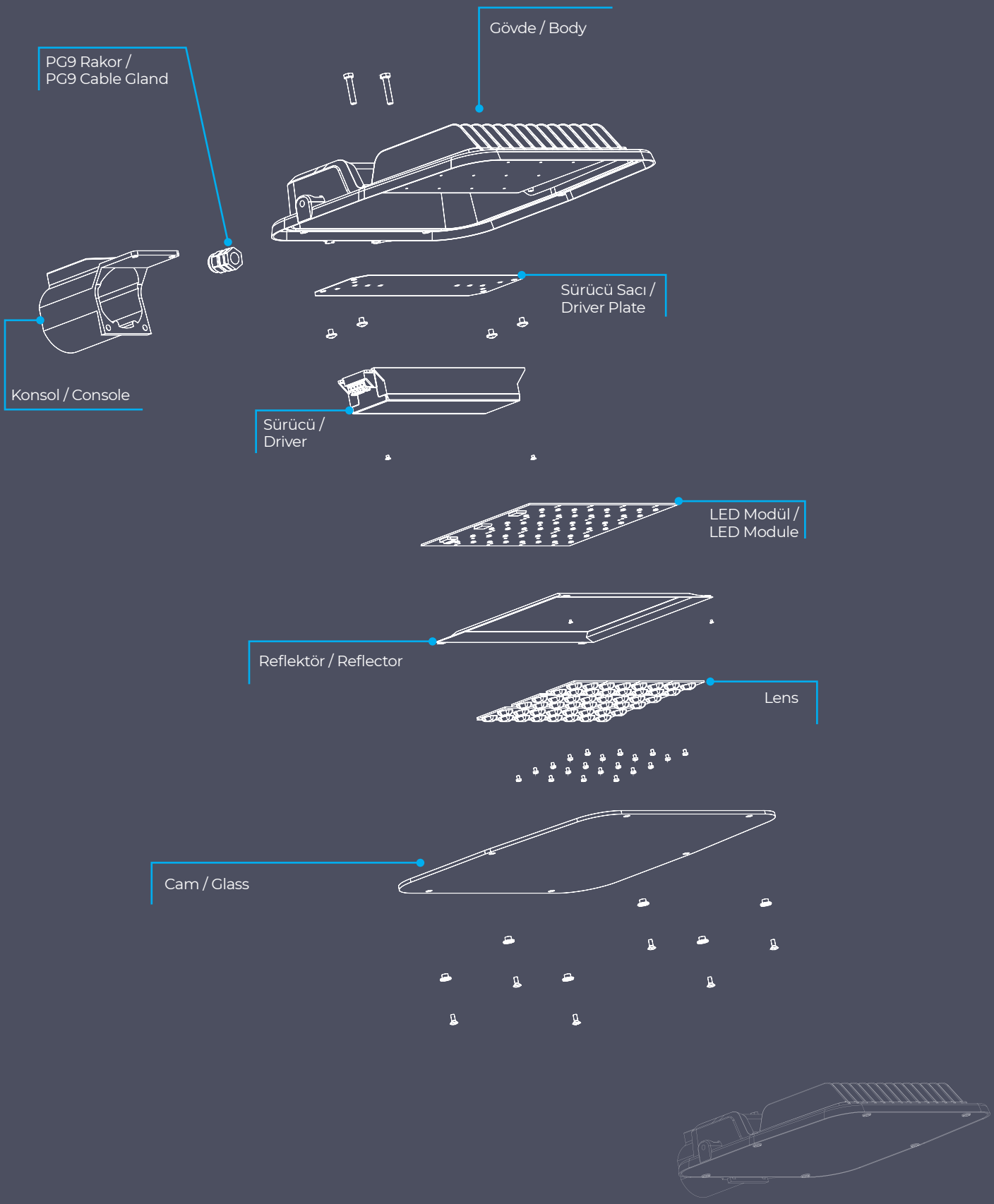


Kartezyen Diagram
Cartesian Diagram

Kod Code	**Montaj Tipi** Mounting type	**Güç** Power **(W)**	**Lamba** Lamp	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
								a	b	h	a	b	h
4215-110-00	Sıva Üstü / Surface Mounted	5	2x14	3,6	3,8	0,0128	1	340	87	345	350	100	365
4215-120-00	Sıva Üstü / Surface Mounted	5	2x18	3,6	3,8	0,0128	1	340	87	345	350	100	365
4215-130-00	Sıva Üstü / Surface Mounted	5	2x26	3,6	3,8	0,0128	1	340	87	345	350	100	365

Yol ve Sokak Aydınlatma Armatürleri

Street and Road Lighting Luminaires



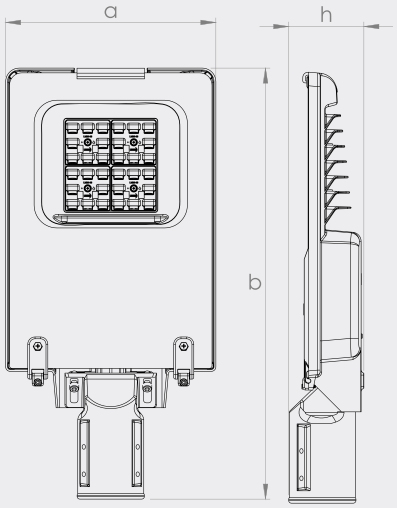
181 • Quadro S
182 • Quadro M
183 • Quadro L
184 • Iris L
185 • Iris M
186 • Retina
187 • Rough

Santiago S **LIMPO**

Yol ve Sokak LED Aydınlatma Armatürü

Street and Road LED Lighting Luminaire

LED | 230V 50Hz | IP66 | IK08 | CRI 70 | CRI 80 | CE | TSE | EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Enjeksiyon
Aluminum Injection

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Paint

Conta Gasket : EPDM & Silikon Ekstrüzyon
EPDM & Silicone Extrusion

LED : L70> 100.000 Saat Ömürlü High Power
L70> 100.000 Hours Life High Power

Marka Brand : SAMSUNG | OSRAM | NICHIA

Optik Optic : Yüksek Geçirgenliğe Sahip Cam & Lens
High Efficient Glass & Lens

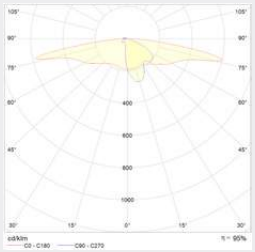
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü: Driver Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

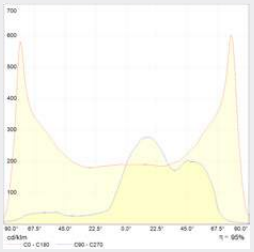
Marka Brand : OSRAM | TRIDONIC | PHILIPS
PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

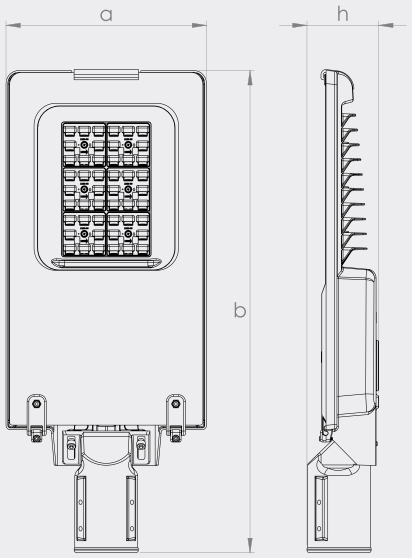
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2101-113-00	20	2900	145	2700-6500K	3	3,4	0,0121	1	>0,95	230	475	83	245	495	100
2101-123-00	30	4260	142	2700-6500K	3	3,4	0,0121	1	>0,95	230	475	83	245	495	100
2101-133-00	40	5560	139	2700-6500K	3	3,4	0,0121	1	>0,95	230	475	83	245	495	100
2101-143-00	50	6900	138	2700-6500K	3	3,4	0,0121	1	>0,95	230	475	83	245	495	100
2101-153-00	60	8160	136	2700-6500K	3	3,4	0,0121	1	>0,95	230	475	83	245	495	100
2101-163-00	70	9450	135	2700-6500K	3	3,4	0,0121	1	>0,95	230	475	83	245	495	100

Santiago M **LIMPO**

Yol ve Sokak LED Aydınlatma Armatürü

Street and Road LED Lighting Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | TSE | CE | CRI 80 | CRI 70 | IK 08 | IP 66 | 230V 50Hz | LED



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM & Silikon Ekstrüzyon / EPDM & Silicone Extrusion

LED : L70> 100.000 Saat Ömürlü High Power / L70> 100.000 Hours Life High Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & Lens / High Efficient Glass & Lens

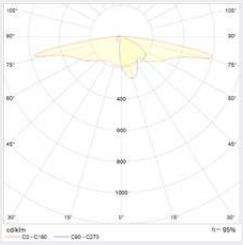
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

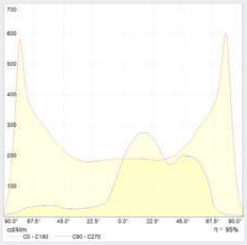
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

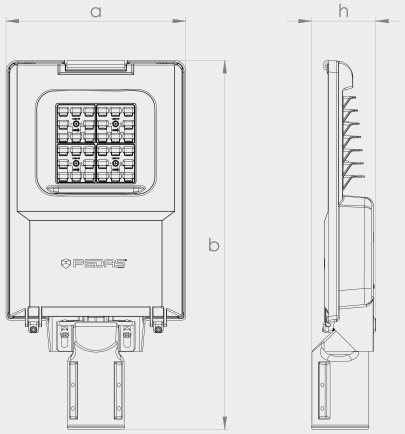
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2103-113-00	80	12095	150	2700-6500K	3,5	4	0,01372	1	>0,95	230	547	83	245	560	100
2103-123-00	90	13320	148	2700-6500K	3,5	4	0,01372	1	>0,95	230	547	83	245	560	100
2103-133-00	100	14520	145	2700-6500K	3,5	4	0,01372	1	>0,95	230	547	83	245	560	100
2103-143-00	110	15420	140	2700-6500K	3,5	4	0,01372	1	>0,95	230	547	83	245	560	100

Santiago S **DURO**

Yol ve Sokak LED Aydınlatma Armatürü

Street and Road LED Lighting Luminaire

LED | 230V 50Hz | IP66 | IK08 | CRI 70 | CRI 80 | CE | TSE | EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM & Silikon Ekstrüzyon / EPDM & Silicone Extrusion

LED : L70> 100.000 Saat Ömürlü High Power / L70> 100.000 Hours Life High Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & Lens / High Efficient Glass & Lens

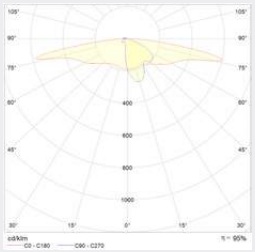
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

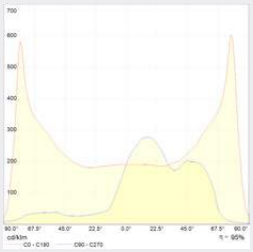
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

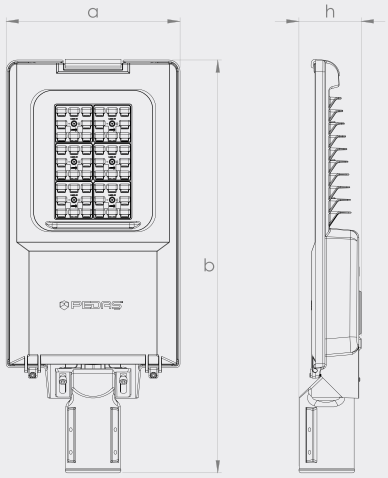
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2101-113-00	20	2900	145	2700-6500K	3	3,4	0,0121	1	>0,95	230	475	83	245	495	100
2101-123-00	30	4260	142	2700-6500K	3	3,4	0,0121	1	>0,95	230	475	83	245	495	100
2101-133-00	40	5560	139	2700-6500K	3	3,4	0,0121	1	>0,95	230	475	83	245	495	100
2101-143-00	50	6900	138	2700-6500K	3	3,4	0,0121	1	>0,95	230	475	83	245	495	100
2101-153-00	60	8160	136	2700-6500K	3	3,4	0,0121	1	>0,95	230	475	83	245	495	100
2101-163-00	70	9450	135	2700-6500K	3	3,4	0,0121	1	>0,95	230	475	83	245	495	100

Santiago M **DURO**

Yol ve Sokak LED Aydınlatma Armatürü

Street and Road LED Lighting Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | TSE | CE | CRI 80 | CRI 70 | IK 08 | IP 66 | 230V 50Hz | LED



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM & Silikon Ekstrüzyon / EPDM & Silicone Extrusion

LED : L70> 100.000 Saat Ömürlü High Power / L70> 100.000 Hours Life High Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & Lens / High Efficient Glass & Lens

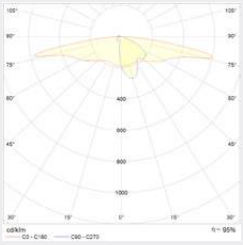
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

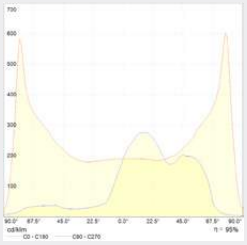
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

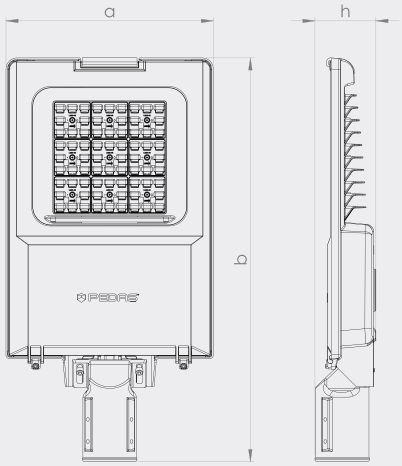
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2103-113-00	80	12095	150	2700-6500K	3,5	4	0,01372	1	>0,95	230	547	83	245	560	100
2103-123-00	90	13320	148	2700-6500K	3,5	4	0,01372	1	>0,95	230	547	83	245	560	100
2103-133-00	100	14520	145	2700-6500K	3,5	4	0,01372	1	>0,95	230	547	83	245	560	100
2103-143-00	110	15420	140	2700-6500K	3,5	4	0,01372	1	>0,95	230	547	83	245	560	100

Santiago L **DURO**

Yol ve Sokak LED Aydınlatma Armatürü

Street and Road LED Lighting Luminaire

LED | 230V 50Hz | IP66 | IK08 | CRI 70 | CRI 80 | CE | TSE | EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta Gasket : EPDM & Silikon Ekstrüzyon / EPDM & Silicone Extrusion

LED : L70> 100.000 Saat Ömürlü High Power / L70> 100.000 Hours Life High Power

Marka Brand : SAMSUNG | OSRAM | NICHIA

Optik Optic : Yüksek Geçirgenliğe Sahip Cam & Lens / High Efficient Glass & Lens

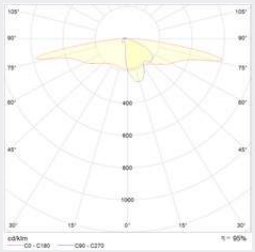
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

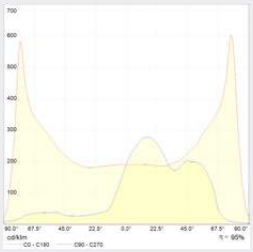
Marka Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

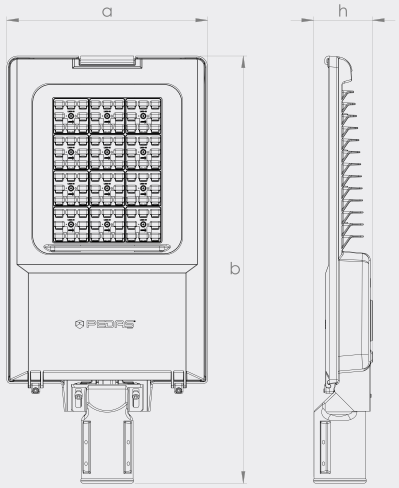
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2101-113-00	120	17760	148	2700-6500K	6	6,6	0,0162	1	>0,95	280	547	83	290	560	100
2101-123-00	130	18850	145	2700-6500K	6	6,6	0,0162	1	>0,95	280	547	83	290	560	100
2101-133-00	140	19740	141	2700-6500K	6	6,6	0,0162	1	>0,95	280	547	83	290	560	100
2101-143-00	150	20705	138	2700-6500K	6	6,6	0,0162	1	>0,95	280	547	83	290	560	100

Santiago XL **DURO**

Yol ve Sokak LED Aydınlatma Armatürü

Street and Road LED Lighting Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | TSE | CE | CRI 80 | CRI 70 | IK 08 | IP 66 | 230V 50Hz | LED



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM & Silikon Ekstrüzyon / EPDM & Silicone Extrusion

LED : L70> 100.000 Saat Ömürlü High Power / L70> 100.000 Hours Life High Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & Lens / High Efficient Glass & Lens

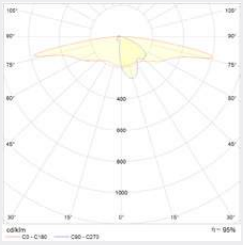
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

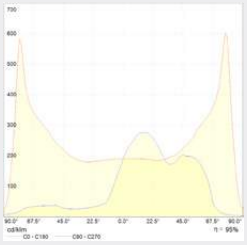
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

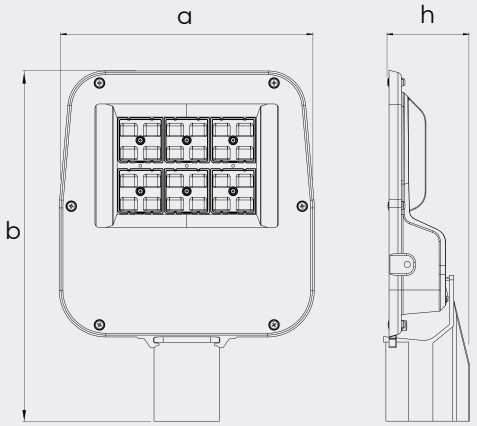
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2103-113-00	160	23680	148	2700-6500K	7	7,6	0,01769	1	>0,95	280	600	83	290	610	100
2103-123-00	170	24650	145	2700-6500K	7	7,6	0,01769	1	>0,95	280	600	83	290	610	100
2103-133-00	180	25560	142	2700-6500K	7	7,6	0,01769	1	>0,95	280	600	83	290	610	100
2103-143-00	190	26220	138	2700-6500K	7	7,6	0,01769	1	>0,95	280	600	83	290	610	100
2103-153-00	200	26800	134	2700-6500K	7	7,6	0,01769	1	>0,95	280	600	83	290	610	100
2103-163-00	210	27720	132	2700-6500K	7	7,6	0,01769	1	>0,95	280	600	83	290	610	100
2103-173-00	220	28600	130	2700-6500K	7	7,6	0,01769	1	>0,95	280	600	83	290	610	100

Quadro S

Yol ve Sokak LED Aydınlatma Armatürü

Street and Road LED Lighting Luminaire

LED | 230V 50Hz | IP66 | IK08 | CRI 70 | CRI 80 | CE | TSE | EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta Gasket : EPDM & Silikon Ekstrüzyon / EPDM & Silicone Extrusion

LED : L70> 100.000 Saat Ömürlü High Power / L70> 100.000 Hours Life High Power

Marka Brand : SAMSUNG | OSRAM | NICHIA

Optik Optic : Yüksek Geçirgenliğe Sahip Cam & Lens / High Efficient Glass & Lens

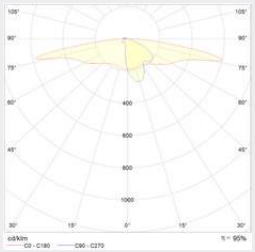
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

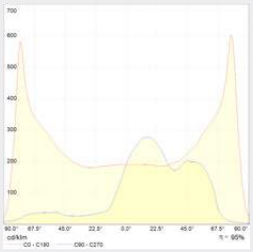
Marka Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

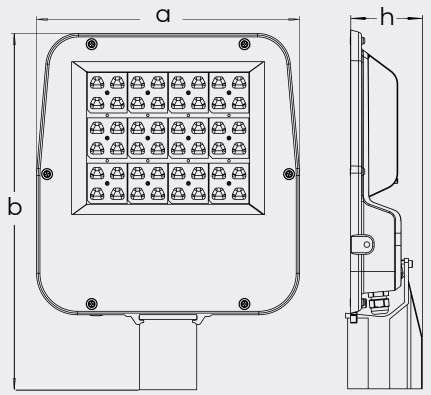
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2101-113-00	20	2920	146	2700-6500K	3	3,4	0,0116	1	>0,95	281	385	94	315	410	110
2101-123-00	32	4273	132	2700-6500K	3	3,4	0,0116	1	>0,95	281	385	94	315	410	110
2101-133-00	41	5442	132	2700-6500K	3	3,4	0,0116	1	>0,95	281	385	94	315	410	110
2101-143-00	51	6669	131	2700-6500K	3	3,4	0,0116	1	>0,95	281	385	94	315	410	110
2101-153-00	60	7717	128	2700-6500K	3	3,4	0,0116	1	>0,95	281	385	94	315	410	110
2101-163-00	70	9026	128	2700-6500K	3	3,4	0,0116	1	>0,95	281	385	94	315	410	110
2101-173-00	81	9768	121	2700-6500K	3	3,4	0,0116	1	>0,95	281	385	94	315	410	110

Quadro M

Yol ve Sokak LED Aydınlatma Armatürü

Street and Road LED Lighting Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | TSE | CE | CRI 80 | CRI 70 | IK 08 | IP 66 | 230V 50Hz | LED



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Enjeksiyon
Aluminum Injection

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Paint

Conta Gasket : EPDM & Silikon Ekstrüzyon
EPDM & Silicone Extrusion

LED : L70> 100.000 Saat Ömürlü High Power
L70> 100.000 Hours Life High Power

Marka Brand : SAMSUNG | OSRAM | NICHIA

Optik Optic : Yüksek Geçirgenliğe Sahip Cam & Lens
High Efficient Glass & Lens

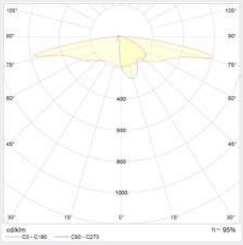
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü: Driver Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

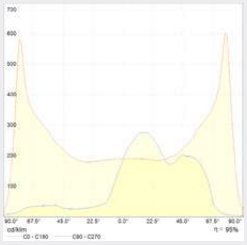
Marka Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2103-113-00	91	12661	139	2700-6500K	4,2	4,6	0,01732	1	>0,95	331	440	94	360	460	110
2103-123-00	102	13895	135	2700-6500K	4,2	4,6	0,01732	1	>0,95	331	440	94	360	460	110
2103-133-00	113	15152	134	2700-6500K	4,2	4,6	0,01732	1	>0,95	331	440	94	360	460	110
2103-143-00	122	16041	131	2700-6500K	4,2	4,6	0,01732	1	>0,95	331	440	94	360	460	110
2103-153-00	132	17138	129	2700-6500K	4,2	4,6	0,01732	1	>0,95	331	440	94	360	460	110
2103-163-00	139	17861	128	2700-6500K	4,2	4,6	0,01732	1	>0,95	331	440	94	360	460	110
2103-173-00	152	19342	126	2700-6500K	4,2	4,6	0,01732	1	>0,95	331	440	94	360	460	110

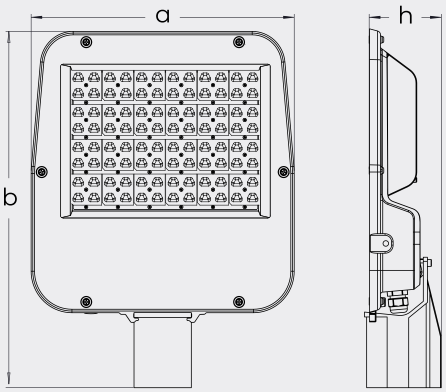
Quadro L

Yol ve Sokak LED Aydınlatma Armatürü

Street and Road LED Lighting Luminaire

LED | 230 V 50 Hz | IP 66 | IK 08 | CRI 70 | CRI 80 | CE | TSE

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM & Silikon Ekstrüzyon / EPDM & Silicone Extrusion

LED : L70> 100.000 Saat Ömürlü High Power / L70> 100.000 Hours Life High Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & Lens / High Efficient Glass & Lens

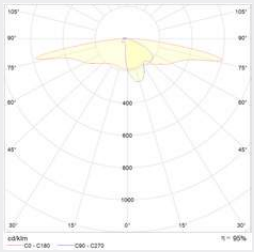
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

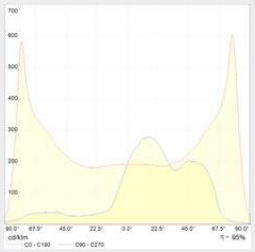
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

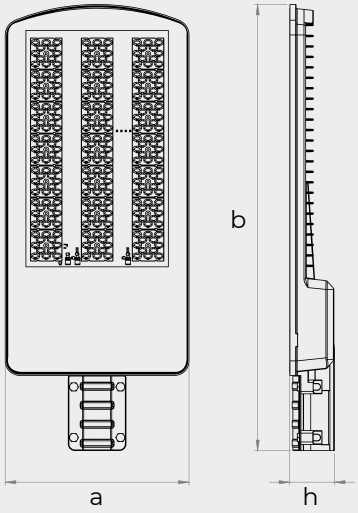
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2105-113-00	160	22560	141	2700-6500K	8,6	9,4	0,02732	1	>0,95	430	534	94	460	540	110
2105-123-00	180	25200	140	2700-6500K	8,6	9,4	0,02732	1	>0,95	430	534	94	460	540	110
2105-133-00	200	27600	138	2700-6500K	8,6	9,4	0,02732	1	>0,95	430	534	94	460	540	110
2105-143-00	220	29700	135	2700-6500K	8,6	9,4	0,02732	1	>0,95	430	534	94	460	540	110
2105-153-00	230	29900	130	2700-6500K	8,6	9,4	0,02732	1	>0,95	430	534	94	460	540	110
2105-163-00	240	30720	128	2700-6500K	8,6	9,4	0,02732	1	>0,95	430	534	94	460	540	110
2105-173-00	250	31750	127	2700-6500K	8,6	9,4	0,02732	1	>0,95	430	534	94	460	540	110

Iris L

Yol ve Sokak LED Aydınlatma Armatürü

Street and Road LED Lighting Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | TSE | CE | CRI 80 | CRI 70 | IK 08 | IP 65 | 230 V 50 Hz | LED



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM Dökme / EPDM Cast

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & Lens / High Efficient Glass & Lens

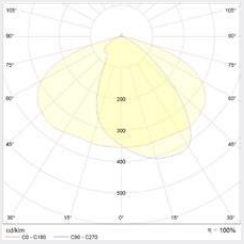
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

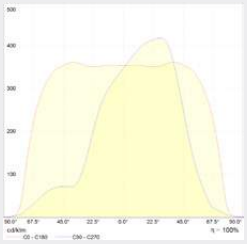
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

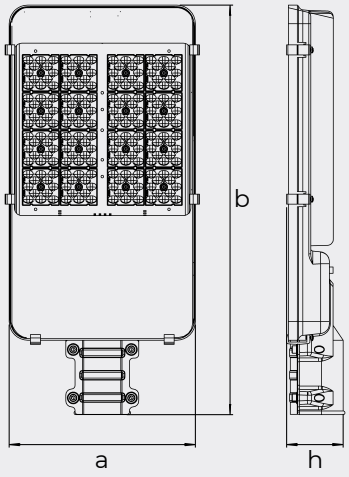
Kod Code	Güç Power (W)	Işık Akısı Luminaire Flux (LM)	Etkinlik Faktörü Efficiency (LM/W)	Işık Rengi Light Color	Ürün Ağırlığı Product Weight (kg)	Kolili Ürün Ağırlığı Box Product Weight (kg)	Hacim Volume (m3)	Koli İçi Adeti Quantity in Box	Güç Faktörü Power Factor (λ)	Ürün Boyutları Product Dimensions (mm)			Koli Boyutları Box Dimensions (mm)		
										a	b	h	a	b	h
2107-113-00	160	20297	127	2700-6500K	4,1	4,6	0,0183	1	>0,95	290	700	70	295	710	100
2107-123-00	170	21208	140	2700-6500K	4,1	4,6	0,0183	1	>0,95	290	700	70	295	710	100
2107-133-00	180	22196	138	2700-6500K	4,1	4,6	0,0183	1	>0,95	290	700	70	295	710	100
2107-143-00	190	23064	134	2700-6500K	4,1	4,6	0,0183	1	>0,95	290	700	70	295	710	100
2107-153-00	200	24177	130	2700-6500K	4,1	4,6	0,0183	1	>0,95	290	700	70	295	710	100

Iris M

Yol ve Sokak LED Aydınlatma Armatürü

Street and Road LED Lighting Luminaire

LED | 230V 50Hz | IP65 | IK08 | CRI 70 | CRI 80 | EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM Dökme / EPDM Cast

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & Lens / High Efficient Glass & Lens

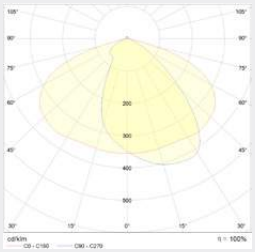
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

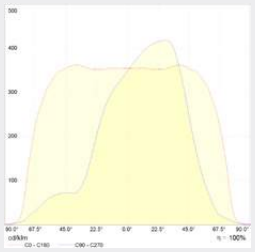
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

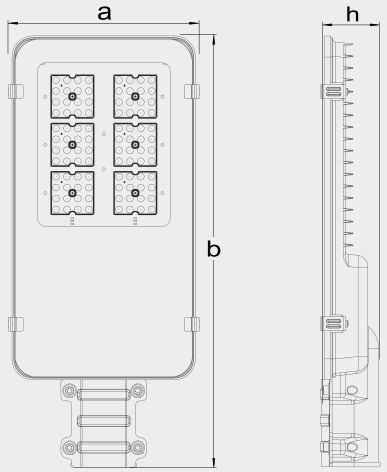
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2109-112-00	80	11360	142	2700-6500K	4,1	4,6	0,0183	1	>0,95	253	550	70	300	610	100
2109-122-00	90	12573	140	2700-6500K	4,1	4,6	0,0183	1	>0,95	253	550	70	300	610	100
2109-132-00	100	13846	138	2700-6500K	4,1	4,6	0,0183	1	>0,95	253	550	70	300	610	100
2109-142-00	110	14734	134	2700-6500K	4,1	4,6	0,0183	1	>0,95	253	550	70	300	610	100
2109-152-00	120	15567	130	2700-6500K	4,1	4,6	0,0183	1	>0,95	253	550	70	300	610	100
2109-162-00	130	16486	127	2700-6500K	4,1	4,6	0,0183	1	>0,95	253	550	70	300	610	100
2109-172-00	140	17224	123	2700-6500K	4,1	4,6	0,0183	1	>0,95	253	550	70	300	610	100
2109-182-00	150	18463	123	2700-6500K	4,1	4,6	0,0183	1	>0,95	253	550	70	300	610	100

Retina

Yol ve Sokak LED Aydınlatma Armatürü

Street and Road LED Lighting Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | TSE | CE | CRI 80 | CRI 70 | IK 08 | IP 65 | 230V 50Hz | LED



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM Dökme / EPDM Cast

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & Lens / High Efficient Glass & Lens

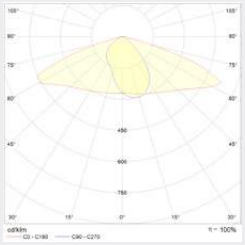
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

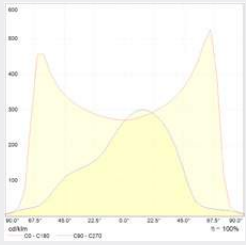
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

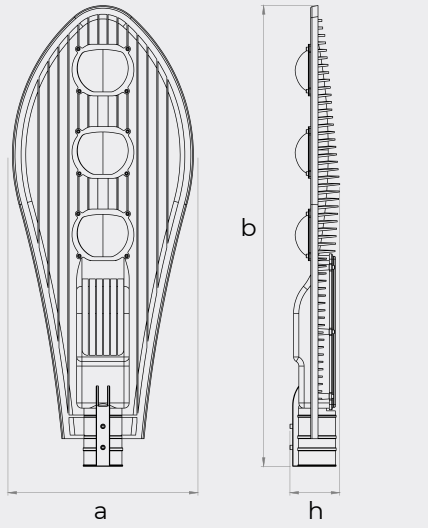
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2111-113-00	40	4951	124	2700-6500K	3,4	3,9	0,0150	1	>0,95	220	520	65	535	235	105
2111-123-00	50	5851	117	2700-6500K	3,4	3,9	0,0150	1	>0,95	220	520	65	535	235	105
2111-133-00	60	6682	111	2700-6500K	3,4	3,9	0,0150	1	>0,95	220	520	65	535	235	105
2111-143-00	70	7892	113	2700-6500K	3,4	3,9	0,0150	1	>0,95	220	520	65	535	235	105
2111-153-00	80	8793	110	2700-6500K	3,4	3,9	0,0150	1	>0,95	220	520	65	535	235	105

Rough

Yol ve Sokak LED Aydınlatma Armatürü

Street and Road LED Lighting Luminaire

LED | 230V 50Hz | IP65 | IK08 | CRI 70 | CRI 80 | EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : Silikon Ekstrüzyon / Silicone Extrusion

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam Lens / High Efficient Glass Lens

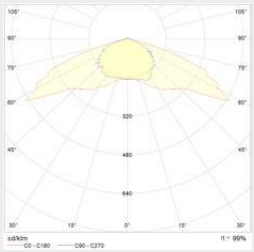
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

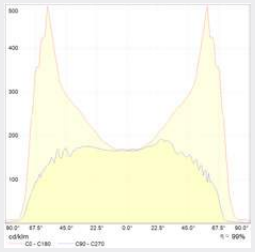
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve

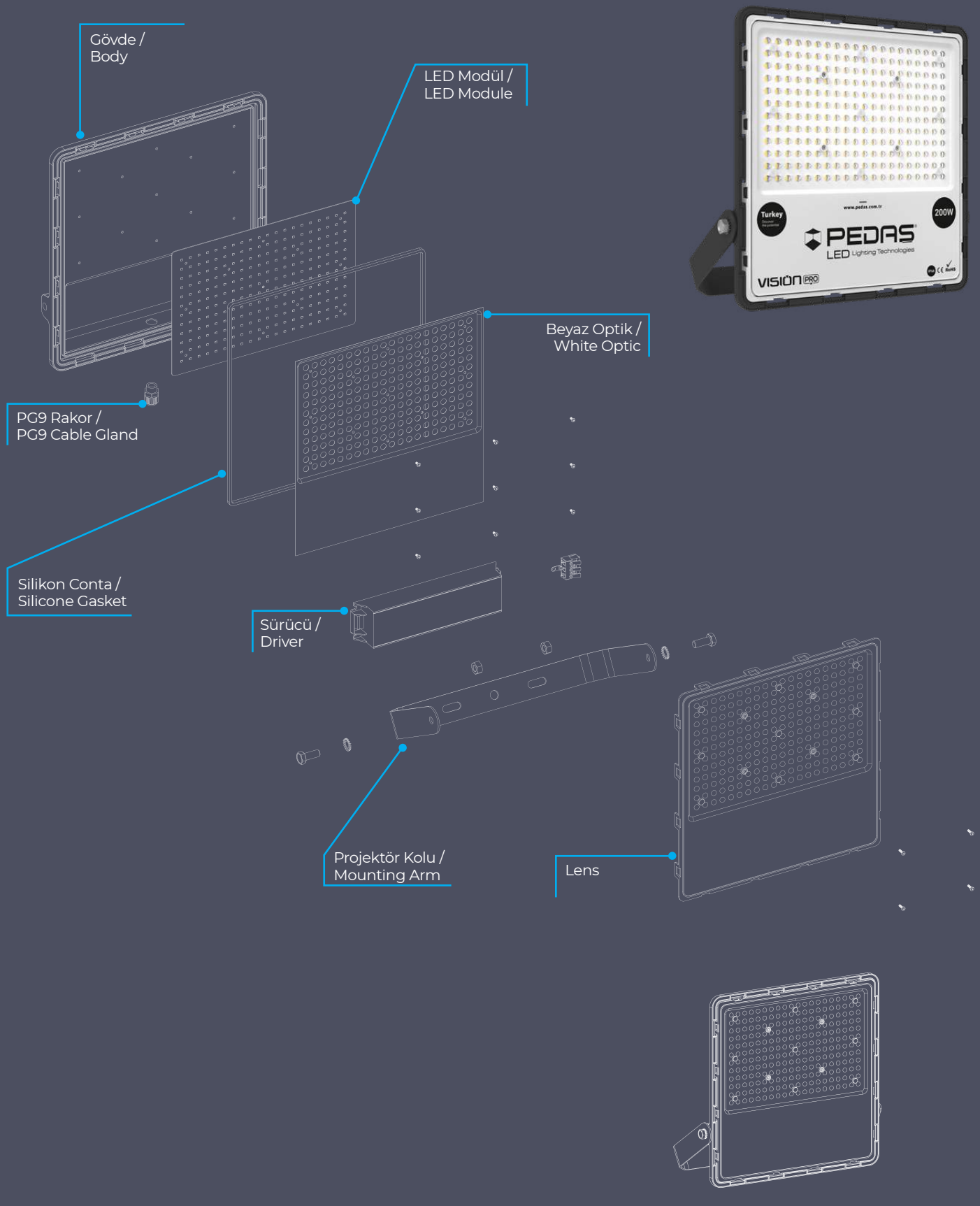


Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2113-113-00	30	4320	144	2700-6500K	0,6	0,7	0,00590	1	>0,95	150	350	55	175	450	75
2113-223-00	50	6300	126	2700-6500K	1,2	1,5	0,011232	1	>0,95	210	490	75	240	520	90
2113-233-00	55	6875	125	2700-6500K	1,2	1,5	0,011232	1	>0,95	210	490	75	240	520	90
2113-343-00	100	12500	125	2700-6500K	3,5	4	0,02682	1	>0,95	275	710	85	300	745	120
2113-353-00	120	14400	120	2700-6500K	3,5	4	0,02682	1	>0,95	275	710	85	300	745	120
2113-463-00	150	17740	122	2700-6500K	4,6	5	0,036639	1	>0,95	325	850	100	300	885	120
2113-473-00	180	20700	115	2700-6500K	4,6	5	0,036639	1	>0,95	325	850	100	345	885	120
2113-583-00	200	22400	112	2700-6500K	8,6	9,3	0,06396	1	>0,95	350	1100	110	410	1200	130
2113-593-00	220	24200	110	2700-6500K	8,6	9,3	0,06396	1	>0,95	350	1100	110	410	1200	130

LED Projektör Aydınlatma Armatürleri

LED Floodlights Luminaires



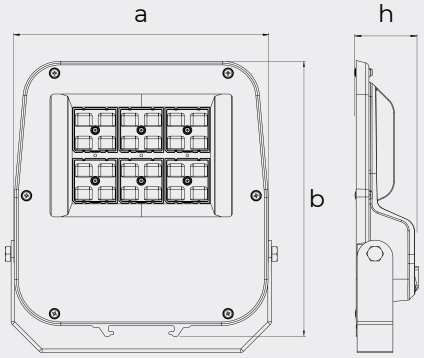
191 • Casual S
192 • Casual M
193 • Casual L
194 • Ojo Angel
195 • Vision
196 • Vision
197 • Semy

Casual S

LED Projektör Aydınlatma Armatürü

LED Floodlight Luminaire

EN 60598-2-5 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM & Silikon Ekstrüzyon / EPDM & Silicone Extrusion

LED : L70> 100.000 Saat Ömürlü High Power / L70> 100.000 Hours Life High Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & Lens / High Efficient Glass & Lens

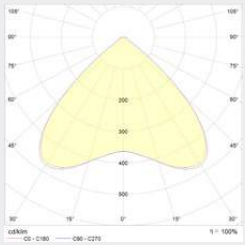
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

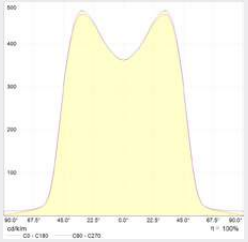
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2216-113-00	20	2820	141	2700-6500K	3	3,3	0,0116	1	>0,95	280	292	67	315	410	110
2216-123-00	32	4401	136	2700-6500K	3	3,3	0,0116	1	>0,95	280	292	67	315	410	110
2216-133-00	41	5598	136	2700-6500K	3	3,3	0,0116	1	>0,95	280	292	67	315	410	110
2216-143-00	51	6993	136	2700-6500K	3	3,3	0,0116	1	>0,95	280	292	67	315	410	110
2216-153-00	61	8250	135	2700-6500K	3	3,3	0,0116	1	>0,95	280	292	67	315	410	110
2216-163-00	71	9314	130	2700-6500K	3	3,3	0,0116	1	>0,95	280	292	67	315	410	110
2216-173-00	80	10176	127	2700-6500K	3	3,3	0,0116	1	>0,95	280	292	67	315	410	110

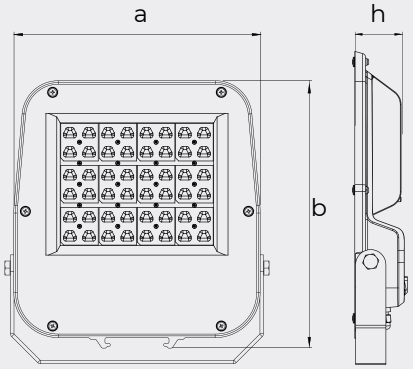
Casual M

LED Projektör Aydınlatma Armatürü

LED Floodlight Luminaire

EN 60598-2-5 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | TSE | CE | CRI 80 | CRI 70 | IK 08 | IP 66 | 230 V 50 Hz | LED

30° 60° 90°



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM & Silikon Ekstrüzyon / EPDM & Silicone Extrusion

LED : L70> 100.000 Saat Ömürlü High Power / L70> 100.000 Hours Life High Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & Lens / High Efficient Glass & Lens

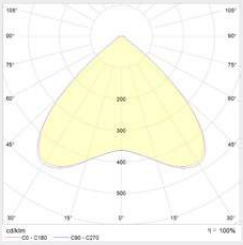
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

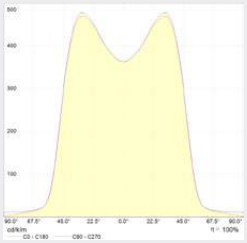
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

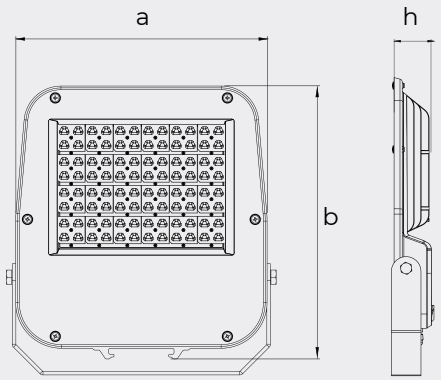
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2218-113-00	92	13164	142	2700-6500K	4	4,4	0,01732	1	>0,95	356	392	69	360	460	110
2218-123-00	102	14384	140	2700-6500K	4	4,4	0,01732	1	>0,95	356	392	69	360	460	110
2218-133-00	112	15610	138	2700-6500K	4	4,4	0,01732	1	>0,95	356	392	69	360	460	110
2218-143-00	122	16566	135	2700-6500K	4	4,4	0,01732	1	>0,95	356	392	69	360	460	110
2218-153-00	132	17600	132	2700-6500K	4	4,4	0,01732	1	>0,95	356	392	69	360	460	110
2218-163-00	143	18646	130	2700-6500K	4	4,4	0,01732	1	>0,95	356	392	69	360	460	110
2218-173-00	150	19787	132	2700-6500K	4	4,4	0,01732	1	>0,95	356	392	69	360	460	110

Casual L

LED Projektör Aydınlatma Armatürü

LED Floodlight Luminaire

LED | 230V 50Hz | IP66 | IK08 | CRI 70 | CRI 80 | EN 60598-2-5 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : EPDM & Silikon Ekstrüzyon / EPDM & Silicone Extrusion

LED : L70> 100.000 Saat Ömürlü High Power / L70> 100.000 Hours Life High Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & Lens / High Efficient Glass & Lens

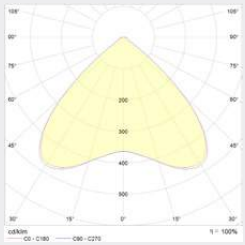
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

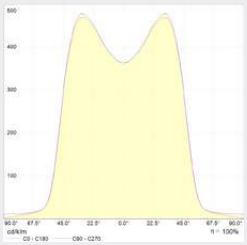
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2220-113-00	160	22880	143	2700-6500K	8,6	9,4	0,02732	1	>0,95	453	492	70	460	540	110
2220-123-00	180	25380	141	2700-6500K	8,6	9,4	0,02732	1	>0,95	453	492	70	460	540	110
2220-133-00	200	27800	139	2700-6500K	8,6	9,4	0,02732	1	>0,95	453	492	70	460	540	110
2220-143-00	220	29920	136	2700-6500K	8,6	9,4	0,02732	1	>0,95	453	492	70	460	540	110
2220-153-00	230	30360	132	2700-6500K	8,6	9,4	0,02732	1	>0,95	453	492	70	460	540	110
2220-163-00	240	31440	131	2700-6500K	8,6	9,4	0,02732	1	>0,95	453	492	70	460	540	110
2220-173-00	250	32500	130	2700-6500K	8,6	9,4	0,02732	1	>0,95	453	492	70	460	540	110

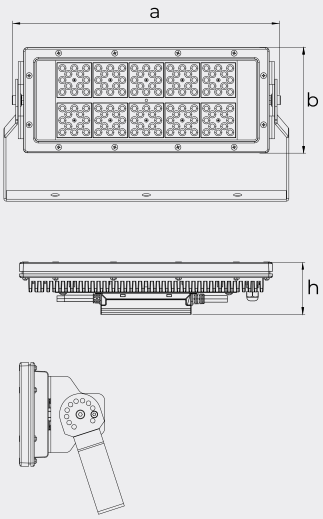
Ojo Angel

LED Projektör Aydınlatma Armatürü

LED Floodlight Luminaire

EN 60598-2-5 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

30° 60° 90°



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & Lens / High Efficient Glass & Lens

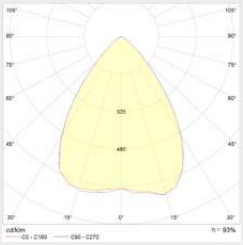
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

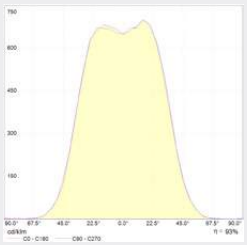
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2222-112-00	50	6250	125	2700-6500K	3	3,5	0,0176	1	>0,95	372	150	122	410	165	150
2222-122-00	75	9225	123	2700-6500K	3	3,5	0,0176	1	>0,95	372	150	122	410	165	150
2222-132-00	100	12000	120	2700-6500K	3	3,5	0,0176	1	>0,95	372	150	122	410	165	150
2222-242-00	200	23600	118	2700-6500K	6	6,5	0,0336	1	>0,95	372	300	122	410	315	150
2222-352-00	300	34200	114	2700-6500K	9	9,5	0,0496	1	>0,95	372	450	122	410	465	150
2222-462-00	400	44000	110	2700-6500K	12	12,5	0,0663	1	>0,95	744	300	122	810	315	150
2222-572-00	600	64800	108	2700-6500K	18	18,5	0,0979	1	>0,95	744	450	122	810	465	150
2222-682-00	1000	105000	105	2700-6500K	35	36	0,1611	1	>0,95	744	750	122	810	765	150

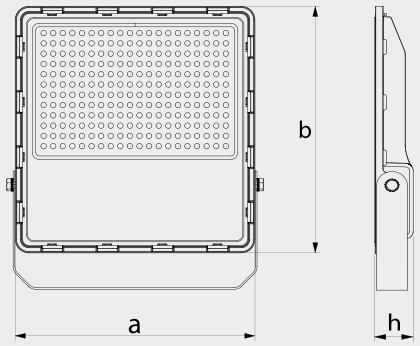
Vision

LED Projektör Aydınlatma Armatürü

LED Floodlight Luminaire

LED | 230 V 50 Hz | IP 66 | IK 08 | CRI 70 | CRI 80 | CE

EN 60598-2-5 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Enjeksiyon
Aluminum Injection

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Paint

Conta Gasket : Yüksek Isıya Dayanıklı Silikon
High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power
L70> 50.000 Hours Life Mid Power

Marka Brand : SAMSUNG | OSRAM | NICHIA

Optik Optic : Yansıtıcı Özellikli Beyaz Optik & Lens
High Efficient Extra White Optic & Lens

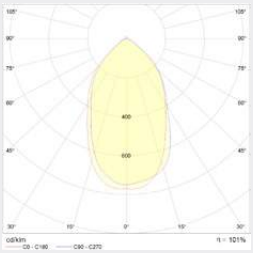
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü: Driver Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

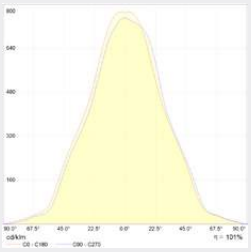
Marka Brand : OSRAM | TRIDONIC | PHILIPS
PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

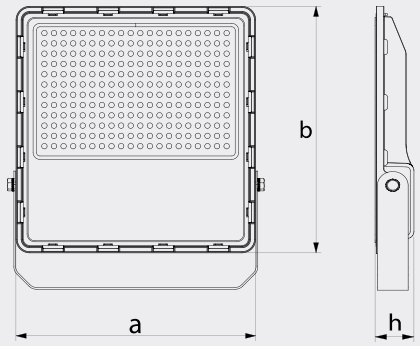
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2224-112-00	30	3654	122	2700-6500K	0,7	0,8	0,00269	1	>0,95	188	198	30	215	250	50
2224-222-00	50	6249	125	2700-6500K	1,2	1,4	0,00376	1	>0,95	227	237	30	255	295	50
2224-332-00	100	11544	115	2700-6500K	2,4	2,6	0,00660	1	>0,95	280	290	40	310	355	60
2224-442-00	150	17573	118	2700-6500K	3,4	3,7	0,00994	1	>0,95	322	332	50	355	400	70
2224-552-00	200	23309	117	2700-6500K	4,5	4,7	0,01118	1	>0,95	352	362	55	385	415	70

Vision

LED Projektör Aydınlatma Armatürü

LED Floodlight Luminaire

EN 60598-2-5 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | CE | CRI 80 | CRI 70 | IK 08 | IP 66 | 230V 50Hz | LED



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yansıtıcı Özellikli Beyaz Optik & Lens / High Efficient Specular Extra White Optic & Lens

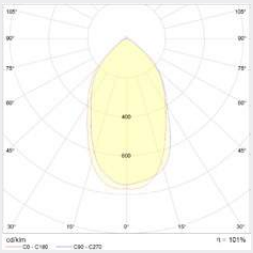
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

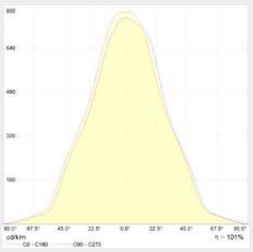
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

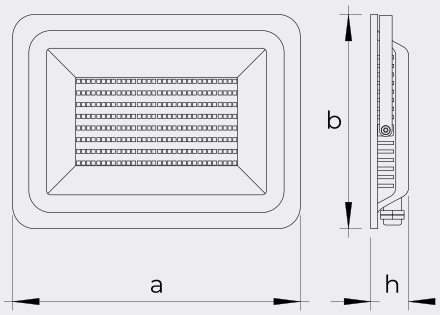
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
2224-662-00	300	34500	115	2700-6500K	7	8	0,0224	1	>0,95	650	332	50	660	340	100
2224-772-00	400	45600	114	2700-6500K	9	10	0,0270	1	>0,95	720	362	55	730	370	100
2224-982-00	600	67200	112	2700-6500K	14	15	0,0425	1	>0,95	1050	362	55	1150	370	100
2224-892-00	800	88000	110	2700-6500K	18	19	0,0540	1	>0,95	720	730	55	730	740	100
2224-002-00	1200	129600	108	2700-6500K	27	28	0,0851	1	>0,95	1050	730	55	1150	740	100

Semy

LED Projektör Aydınlatma Armatürü

LED Floodlight Luminaire

LED | 230V 50Hz | IP66 | IK08 | CRI 70 | CRI 80 | EN 60598-2-5 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yansıtıcı Özellikli Beyaz Optik & Cam / High Efficient Specular Extra White Optic & Glass

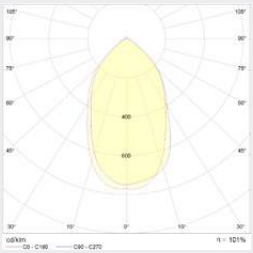
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü: Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

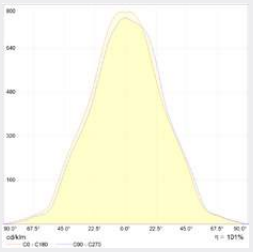
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve

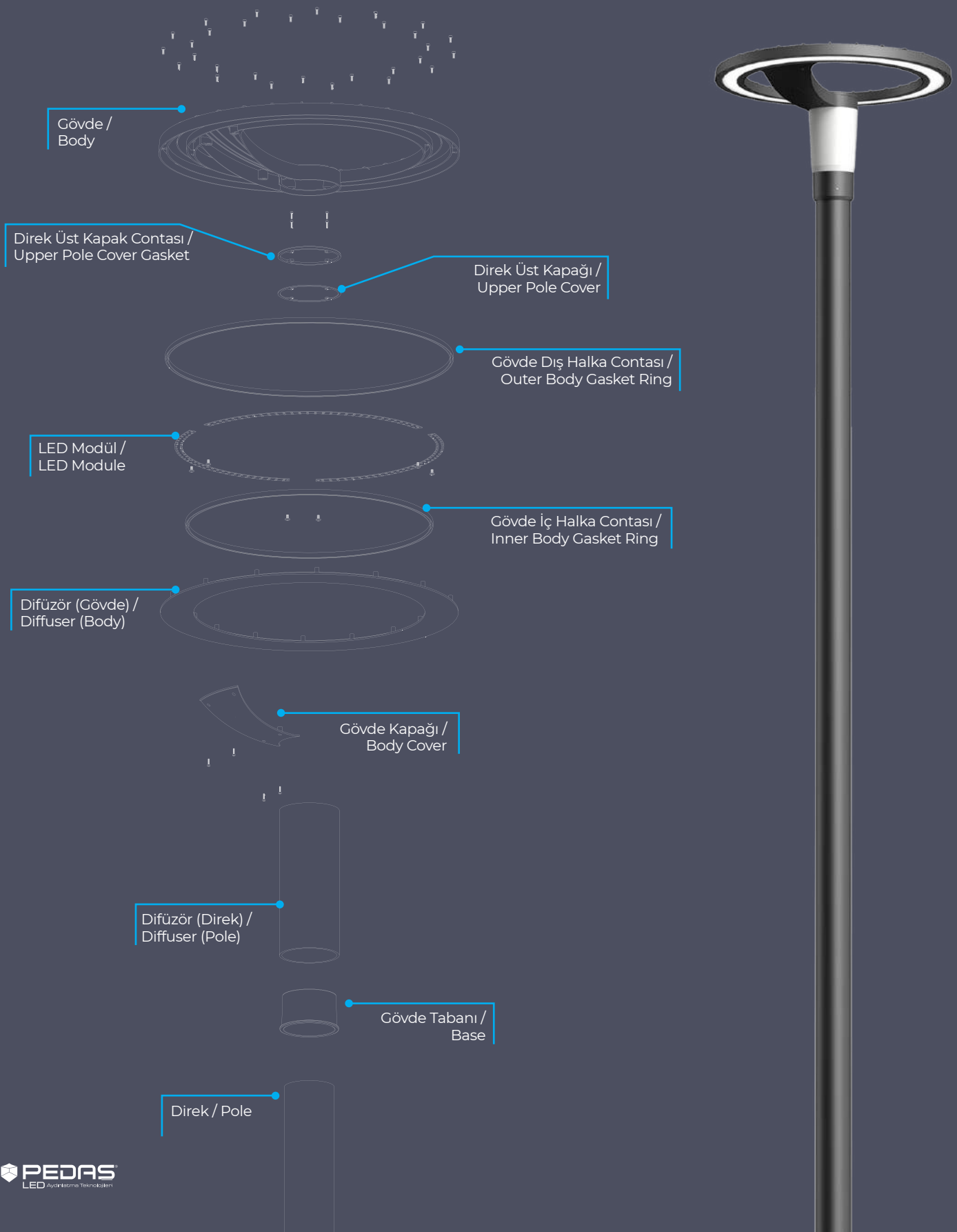


Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
5537-113-00	10	889	90	2700-6500K	0,150	0,200	0,000396	1	>0,95	83	104	23	110	120	30
5537-223-00	28	2180	79	2700-6500K	0,368	0,500	0,001057	1	>0,95	122	159	23	144	250	30
5537-333-00	46	4398	96	2700-6500K	0,650	0,750	0,001245	1	>0,95	159	212	30	173	250	35
5537-443-00	106	8692	82	2700-6500K	1,5	2	0,002268	1	>0,95	210	271	30	217	278	40
5537-553-00	145	14775	102	2700-6500K	1,6	2,1	0,005655	1	>0,95	230	330	30	290	395	50
5537-663-00	192	17889	93	2700-6500K	3	3,4	0,005655	1	>0,95	280	380	30	290	395	50

Park Bahçe Aydınlatma Armatürleri

Park and Garden Lighting Luminaires



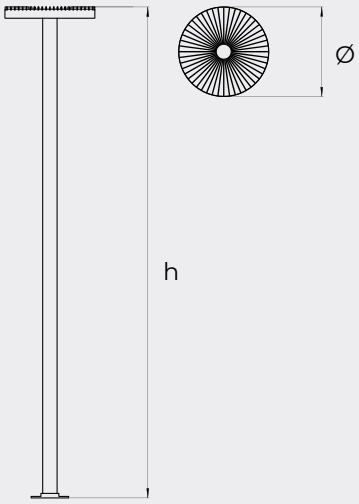
201 • Tangram
202 • Letto
203 • Digital
204 • Via
205 • Rhino
206 • Gap
207 • Baruuk
208 • Ember
209 • Altira
210 • Pera
211 • Linea
212 • Ivara
213 • Herson
214 • Cross
215 • Point
216 • Renova
217 • Void
218 • Western

Tangram

Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

LED | 230V 50Hz | IP65 | IK08 | CRI 70 | CRI 80 | EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Opal Difüzör / High Efficient Opal Diffuser

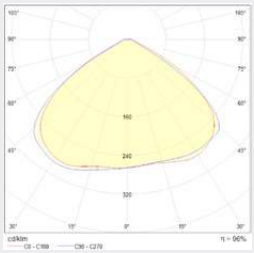
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

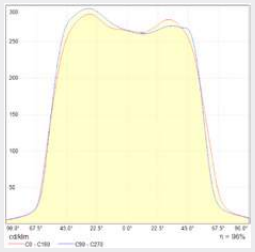
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

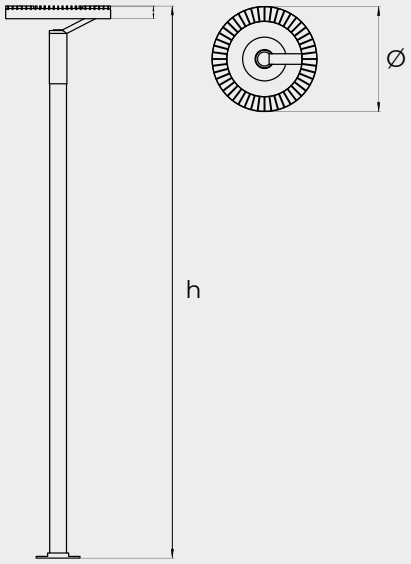
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** Ø	h
5101-112-00	35	3710	106	2700-6500K	>0,95	400	3000-4000
5101-222-00	60	6180	103	2700-6500K	>0,95	550	3000-4000

Letto

Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Opal Difüzör / High Efficient Opal Diffuser

Direk / Pole : Sıcak Daldırma Galvanizli Çelik / Hot Dip Galvanised Steel Pole

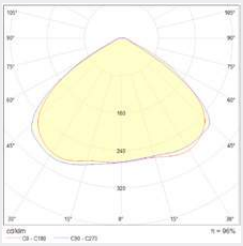
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

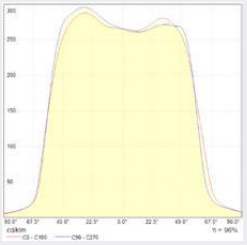
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO®

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** Ø	h
5102-113-00	60	7200	120	2700-6500K	>0,95	600	3000-6000

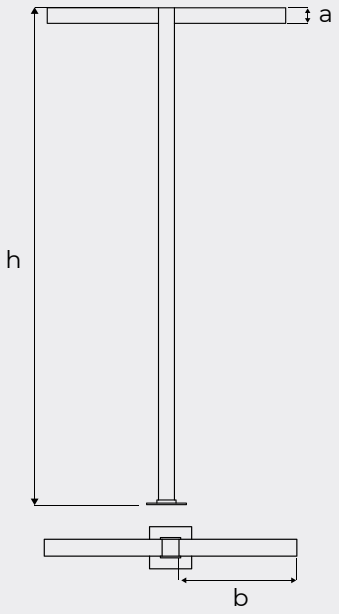
Digital

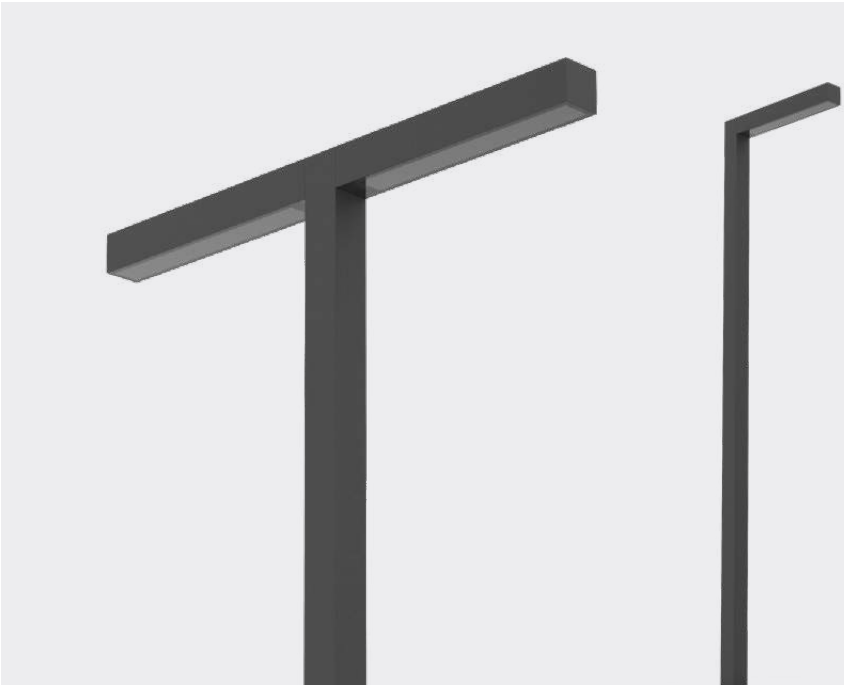
Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

LED | 230V 50Hz | IP65 | IK08 | CRI 70 | CRI 80 | CE

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Opal Difüzör / High Efficient Opal Diffuser

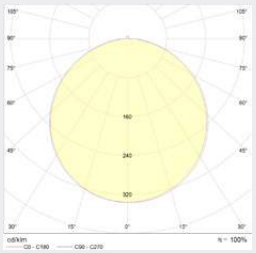
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

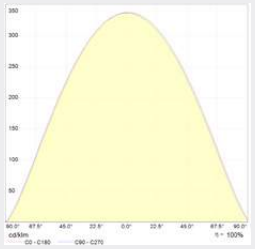
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO®

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

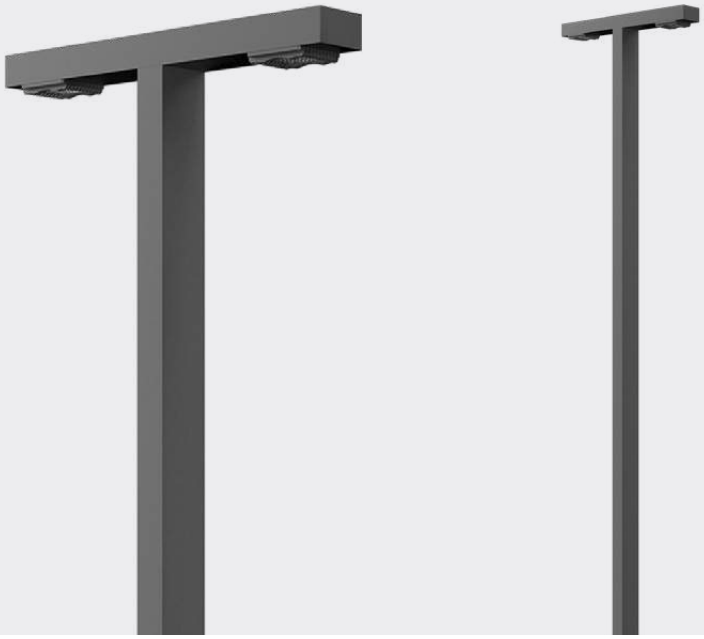
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h
5103-111-00	40	4080	102	2700-6500K	>0,95	100	350	3200
5103-121-00	60	6240	104	2700-6500K	>0,95	100	350	3200
5103-231-00	2x40	8160	102	2700-6500K	>0,95	100	700	3200
5103-241-00	2x60	12480	104	2700-6500K	>0,95	100	700	3200

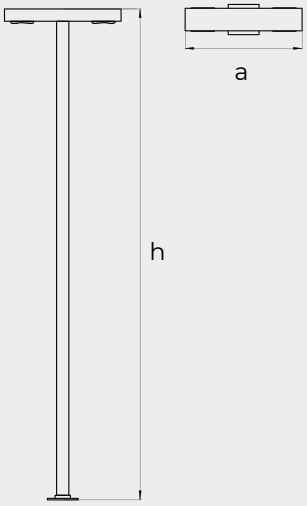
Via

Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip IP65 Lens / High Efficient IP65 Lens

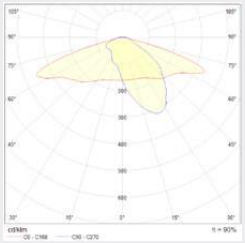
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

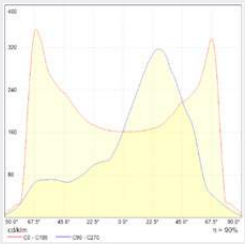
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h
5104-111-00	30	3660	122	2700-6500K	>0,95	80	150	3000-5000
5104-221-00	40	4840	121	2700-6500K	>0,95	80	150	4000-6000
5104-331-00	60	7140	119	2700-6500K	>0,95	80	150	5000-8000

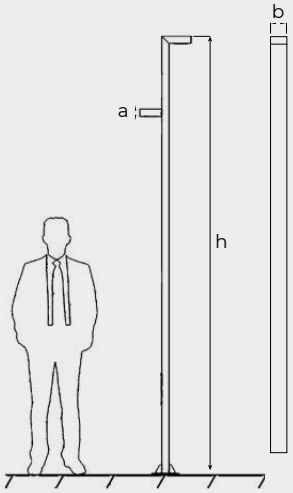
Rhino

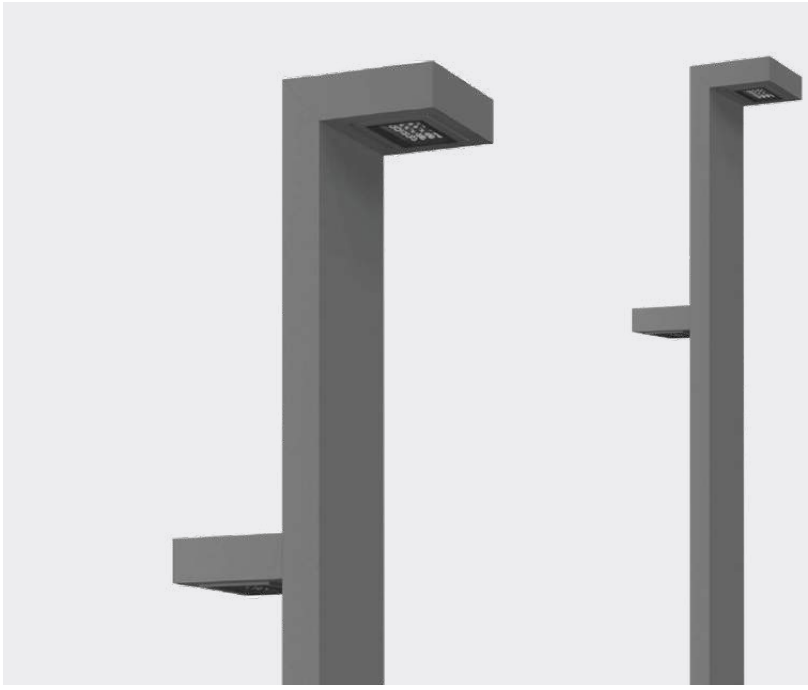
Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

LED | 230V 50Hz | IP65 | IK08 | CRI 70 | CRI 80 | CE

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Enjeksiyon & Ektrüzyon
Aluminum Injection & Extrusion

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

Conta Gasket : Yüksek Isıya Dayanıklı Silikon
High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power
L70> 50.000 Hours Life Mid Power

Marka Brand : SAMSUNG | OSRAM | NICHIA

Optik Optic : Yüksek Geçirgenliğe Sahip IP65 Lens
High Efficient IP65 Lens

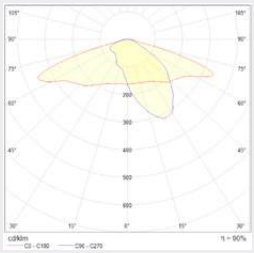
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

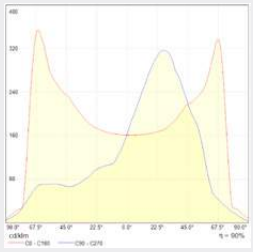
Marka Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

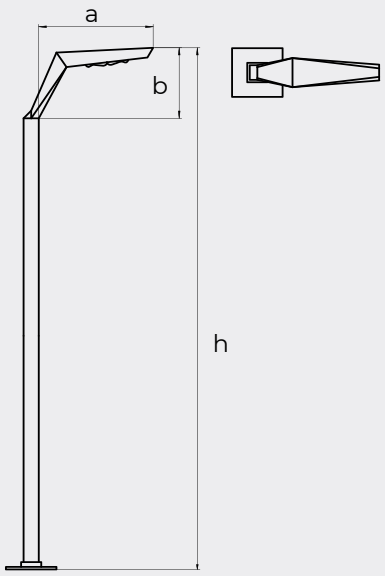
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h
5105-113-00	15	1650	110	2700-6500K	>0,95	80	150	1000-2000
5105-223-00	30	3300	110	2700-6500K	>0,95	100	200	1000-4000

Gap

Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon & Ektrüzyon / Aluminum Injection & Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip IP65 Lens / High Efficient IP65 Lens

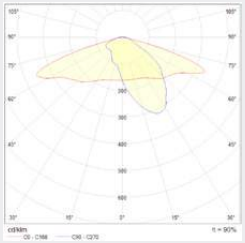
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

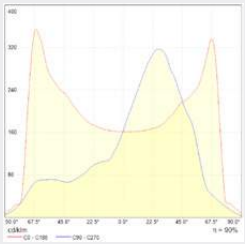
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

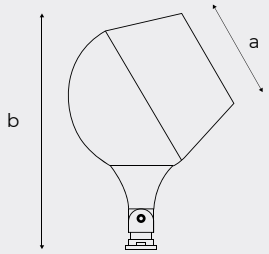
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h
5106-112-00	30	3630	121	2700-6500K	>0,95	120	320	3000-5000
5106-222-00	40	4880	122	2700-6500K	>0,95	120	320	4000-6000
5106-332-00	60	7200	120	2700-6500K	>0,95	120	320	5000-8000

Baruuk

Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

LED | 230V 50Hz | IP66 | IK08 | CRI 70 | CRI 80 | EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Enjeksiyon & Ektrüzyon
Aluminum Injection & Extrusion

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

Conta Gasket : Yüksek Isıya Dayanıklı Silikon
High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power
L70> 50.000 Hours Life Mid Power

Marka Brand : SAMSUNG | OSRAM | NICHIA

Optik Optic : Yüksek Geçirgenliğe Sahip Cam Lens
High Efficient Glass Lens

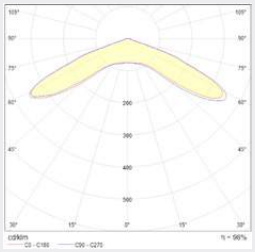
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

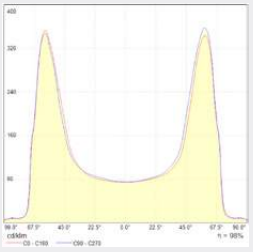
Marka Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

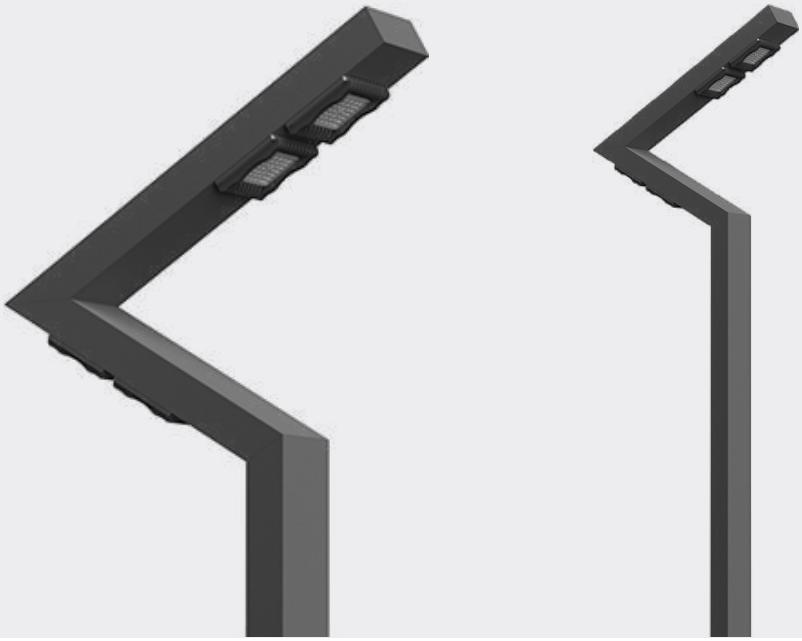
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h
5107-111-00	30	3750	125	2700-6500K	>0,95	230	380	3000-5000
5107-221-00	40	4880	122	2700-6500K	>0,95	230	380	4000-6000
5107-331-00	60	7080	118	2700-6500K	>0,95	230	380	5000-8000

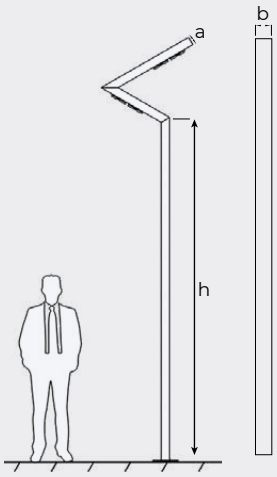
Ember

Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon & Ektrüzyon / Aluminum Injection & Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip IP65 Lens / High Efficient IP65 Lens

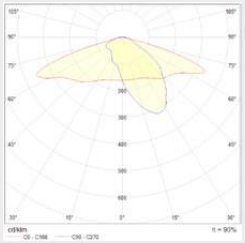
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

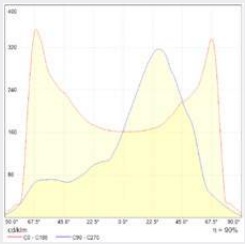
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO®

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

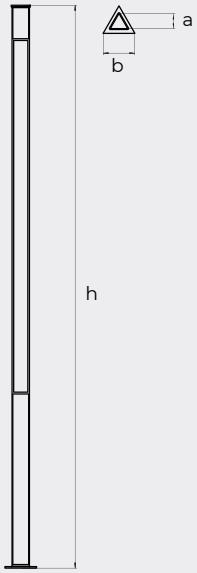
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h
5108-112-00	30	3630	121	2700-6500K	>0,95	80	150	3000-5000
5108-222-00	40	4880	122	2700-6500K	>0,95	80	150	4000-6000
5108-332-00	60	7200	120	2700-6500K	>0,95	80	150	5000-8000

Altira

Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

LED | 230V 50Hz | IP65 | IK08 | CRI 70 | CRI 80 | CE | EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ektrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Opal Difüzör / High Efficient Opal Diffuser

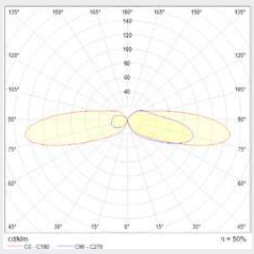
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

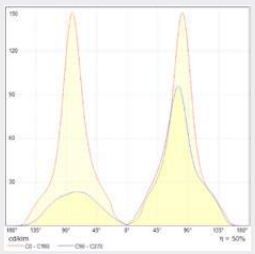
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

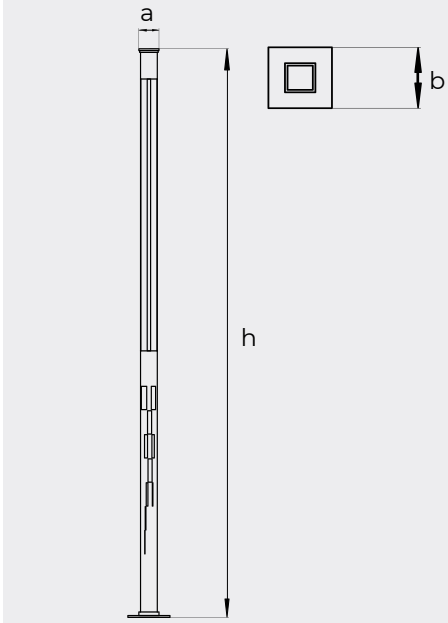
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h
5109-112-00	30	3660	122	2700-6500K	>0,95	150	100	3000-5000
5109-222-00	40	4800	120	2700-6500K	>0,95	150	100	4000-6000
5109-332-00	60	7200	120	2700-6500K	>0,95	150	100	5000-8000

Pera

Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Opal Difüzör / High Efficient Opal Diffuser

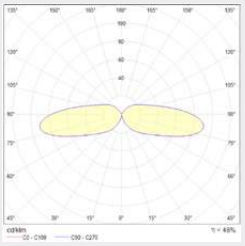
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

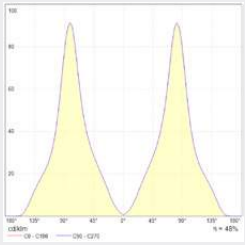
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

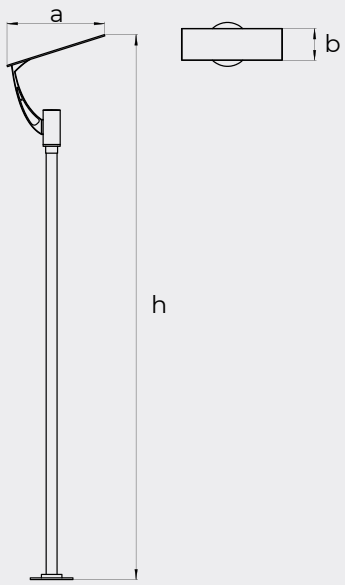
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h
5110-112-00	45	4275	95	2700-6500K	>0,95	120	120	3200

Linea

Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

LED | 230V 50Hz | IP65 | IK08 | CRI 70 | CRI 80 | EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Opal Difüzör / High Efficient Opal Diffuser

Direk / Pole : Sıcak Daldırma Galvanizli Çelik / Hot Dip Galvanised Steel Pole

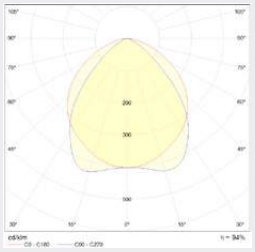
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

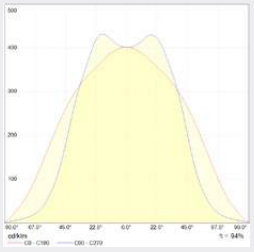
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

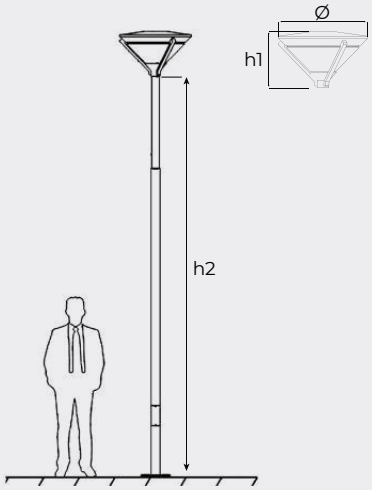
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h
5111-114-00	60	6540	109	2700-6500K	>0,95	156	156	3600
5111-124-00	90	9990	111	2700-6500K	>0,95	156	156	3600

Ivara

Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Enjeksiyon & Ektrüzyon
Aluminum Injection & Extrusion

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

Conta Gasket : Yüksek Isıya Dayanıklı Silikon
High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power
L70> 50.000 Hours Life Mid Power

Marka Brand : SAMSUNG | OSRAM | NICHIA

Optik Optic : Yüksek Geçirgenliğe Sahip Opal Difüzör
High Efficient Opal Diffuser

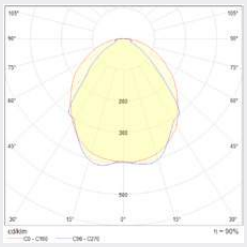
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

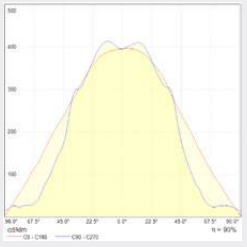
Marka Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

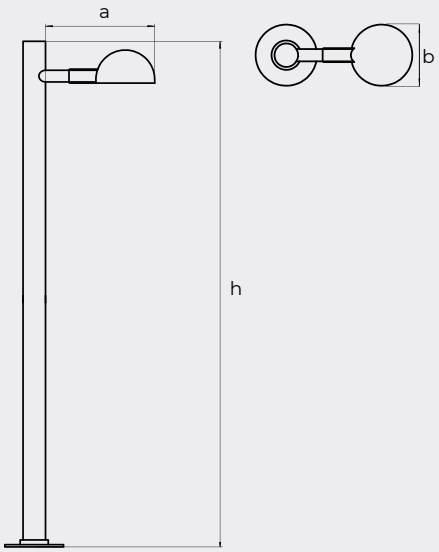
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** Ø	h1	h2
5112-111-00	30	3600	120	2700-6500K	>0,95	700	439	3000-5000
5112-221-00	40	4800	120	2700-6500K	>0,95	700	439	4000-6000
5112-331-00	60	7200	120	2700-6500K	>0,95	700	439	5000-8000

Herson

Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

LED | 230 V 50 Hz | IP 65 | IK 08 | CRI 70 | CRI 80 | CE | EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip IP65 Lens / High Efficient IP65 Lens

Direk / Pole : Sıcak Daldırma Galvanizli Çelik / Hot Dip Galvanised Steel Pole

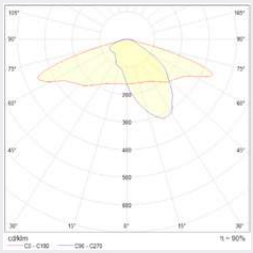
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

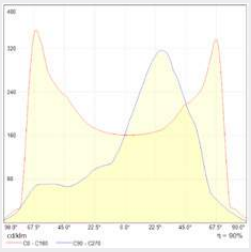
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

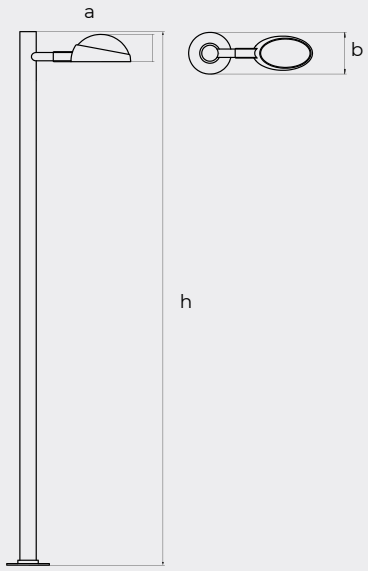
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h
5113-114-00	30	3720	124	2700-6500K	>0,95	505	230	3000-5000
5113-224-00	40	4920	123	2700-6500K	>0,95	505	230	4000-6000
5113-334-00	60	7200	120	2700-6500K	>0,95	505	230	5000-8000

Cross

Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | CE | CRI 80 | CRI 70 | IK 08 | IP 65 | 230V 50Hz | LED



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon & Ektrüzyon / Aluminum Injection & Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & Lens / High Efficient Glass & Lens

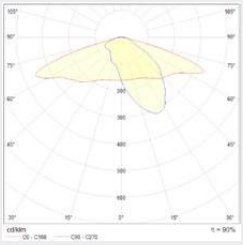
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

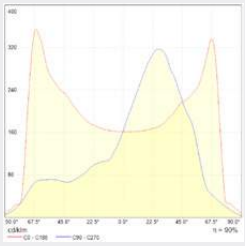
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO®

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h
5114-114-00	30	3750	125	2700-6500K	>0,95	650	207	3000-5000
5114-124-00	40	4920	123	2700-6500K	>0,95	650	207	3000-5000
5114-134-00	60	7260	121	2700-6500K	>0,95	650	207	3000-5000
5114-144-00	80	9600	120	2700-6500K	>0,95	650	207	3000-5000
5114-154-00	120	14160	118	2700-6500K	>0,95	650	207	3000-5000

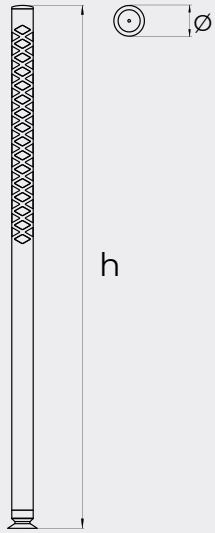
Point

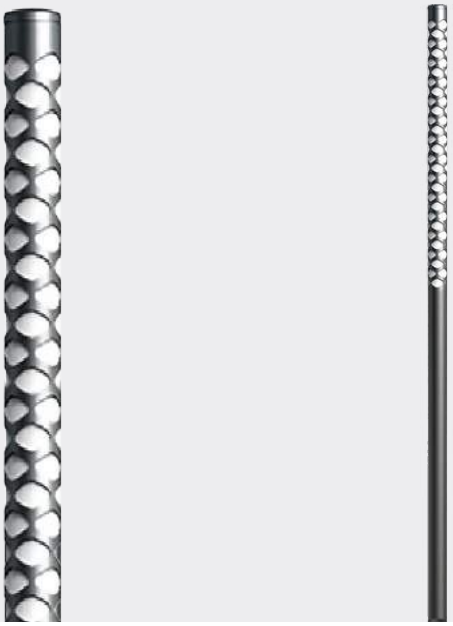
Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

LED | 230V 50Hz | IP65 | IK08 | CRI 70 | CRI 80 | CE

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzypn / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Opal Difüzör / High Efficient Opal Diffuser

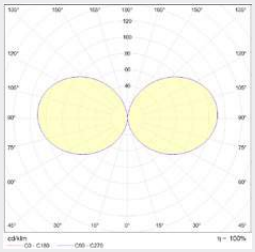
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

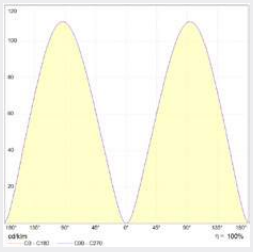
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** Ø	h
5115-112-00	35	3640	104	2700-6500K	>0,95	150	3000
5115-122-00	60	6600	110	2700-6500K	>0,95	150	3000

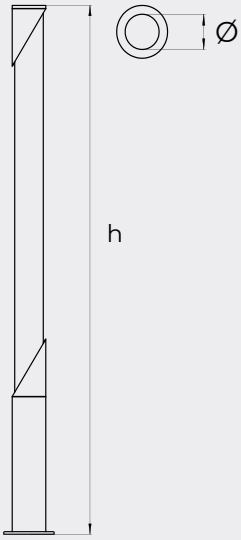
Renova

Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

CRI 80 | CRI 70 | IK 08 | IP 65 | 230V 50Hz | LED



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Opal Difüzör / High Efficient Opal Diffuser

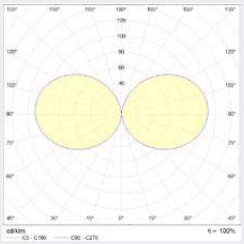
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

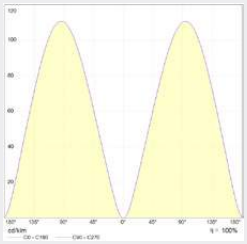
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO®

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

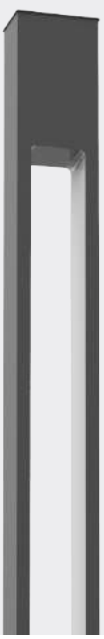
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** Ø	h
5116-112-00	35	3640	104	2700-6500K	>0,95	200	3000
5116-122-00	60	6600	110	2700-6500K	>0,95	200	3000

Void

Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

LED | 230V 50Hz | IP65 | IK08 | CRI 70 | CRI 80 | EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Opal Difüzör / High Efficient Opal Diffuser

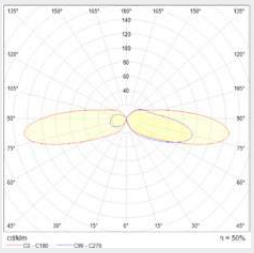
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

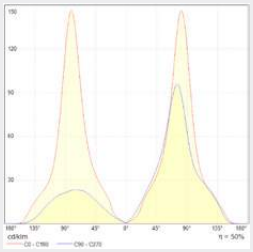
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

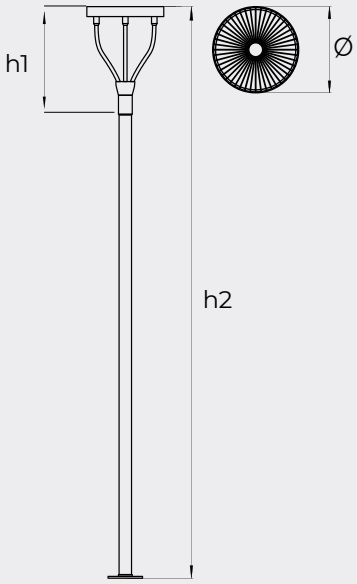
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h
5117-111-00	35	3640	104	2700-6500K	>0,95	150	100	3200
5117-121-00	60	6600	110	2700-6500K	>0,95	150	100	3200

Western

Park Bahçe LED Aydınlatma Armatürü

LED Park and Garden Lighting Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Opal Difüzör / High Efficient Opal Diffuser

Direk / Pole : Sıcak Daldırma Galvanizli Çelik / Hot Dip Galvanised Steel Pole

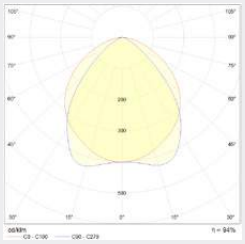
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

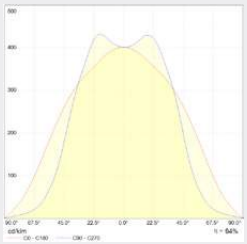
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve

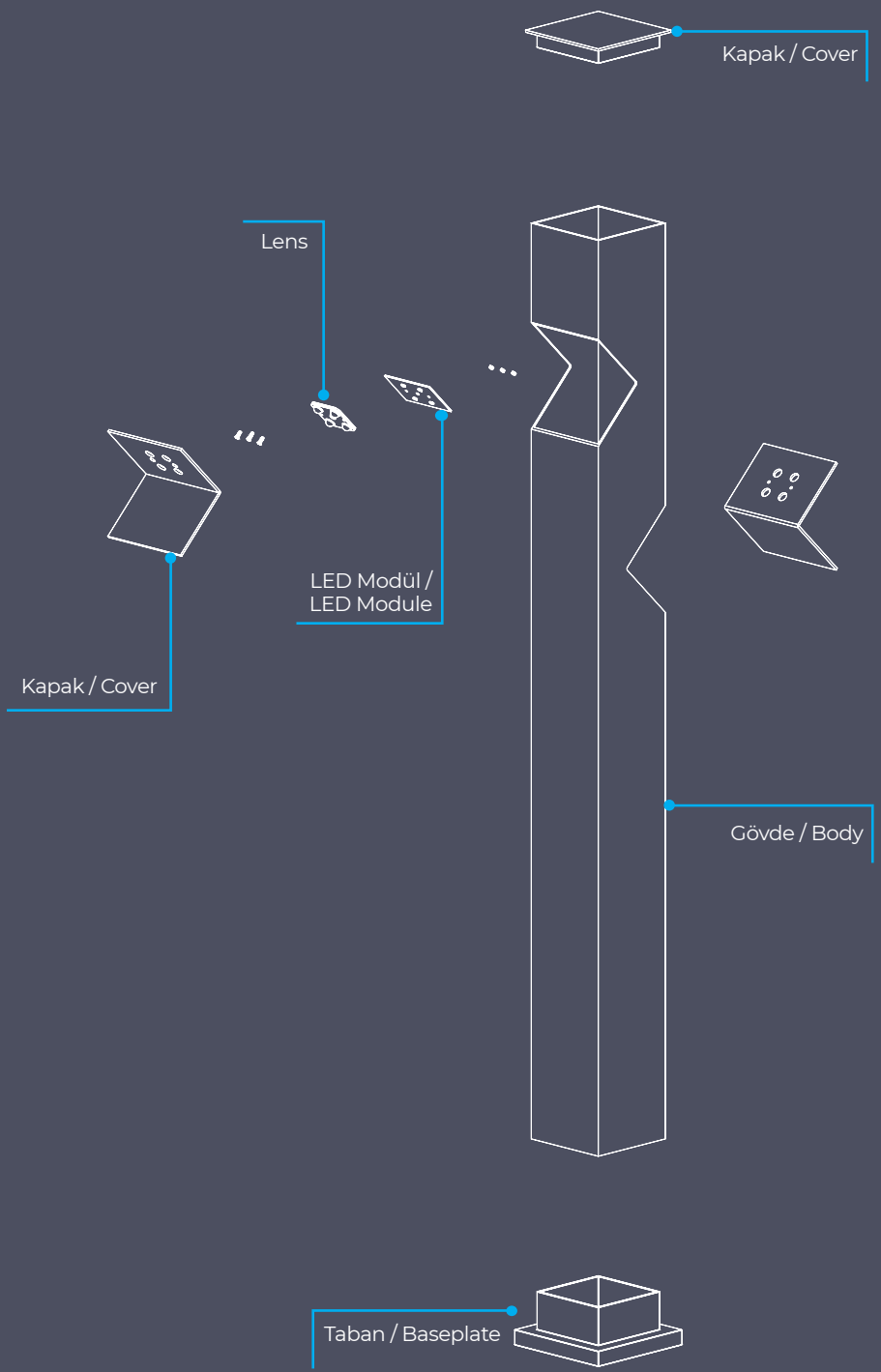


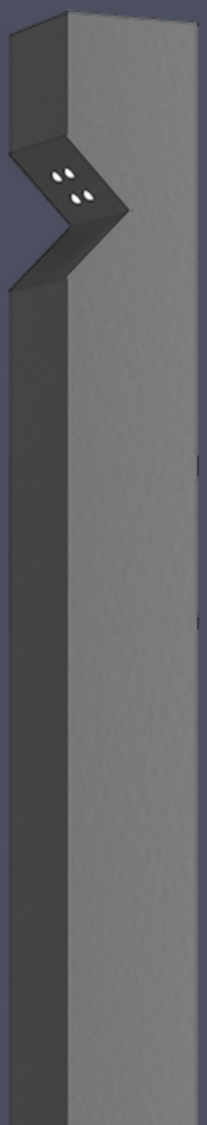
Kartezyen Diagram
Cartesian Diagram

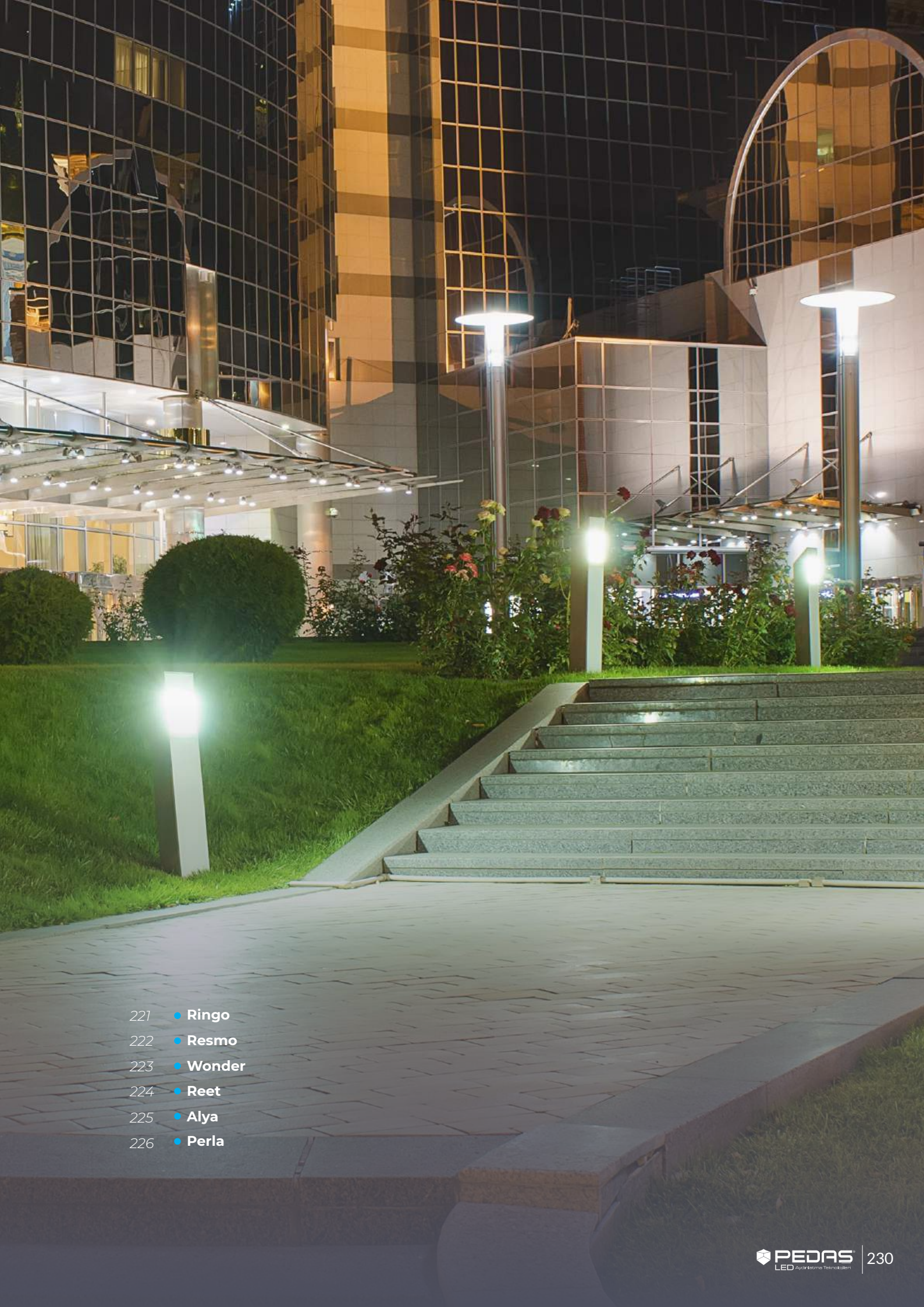
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** Ø	h1	h2
5118-114-00	60	7200	120	2700-6500K	>0,95	610	819	3000-6000

Bolard Armatürler

Bollard Luminaires







221 • Ringo
222 • Resmo
223 • Wonder
224 • Reet
225 • Alya
226 • Perla

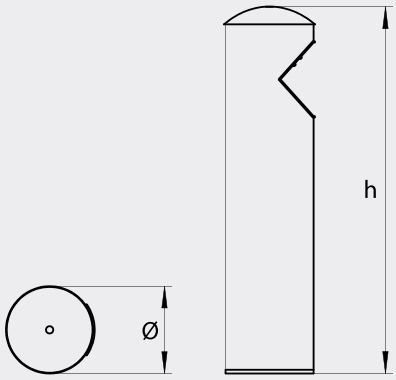
Ringo

Bolard Armatürü

Bollard Luminaire

LED | 230V 50Hz | IP66 | CRI 70 | CRI 80 | IK08 | CE

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Enjeksiyon
Aluminum Extrusion / Injection

Boya / Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon
High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power
L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip IP66 Lens
High Efficient IP66 Lens

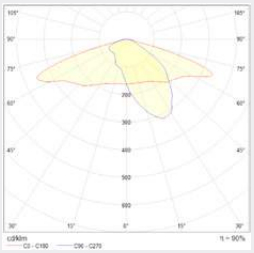
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

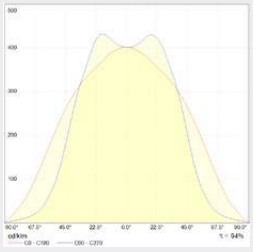
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

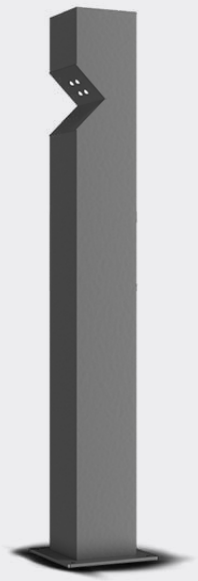
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** Ø	h
5219-114-00	4	440	110	2700-6500K	>0,95	155	200-2000
5219-124-00	6	666	111	2700-6500K	>0,95	155	200-2000
5219-134-00	8	872	109	2700-6500K	>0,95	155	200-2000

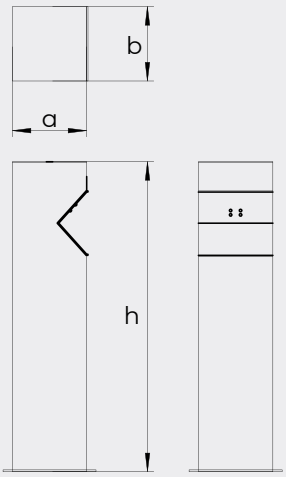
Resmo

Bolard Armatürü

Bollard Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Ekstrüzyon / Enjeksiyon
Aluminum Extrusion / Injection

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

Conta Gasket : Yüksek Isıya Dayanıklı Silikon
High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power
L70> 50.000 Hours Life Mid Power

Marka Brand : SAMSUNG | OSRAM | NICHIA

Optik Optic : Yüksek Geçirgenliğe Sahip IP66 Lens
High Efficient IP66 Lens

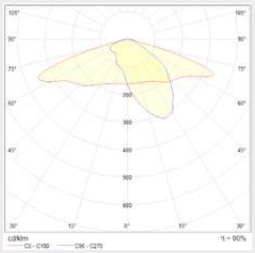
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

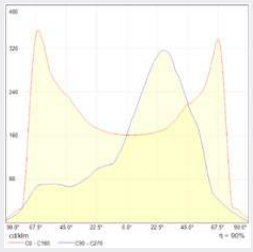
Marka Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

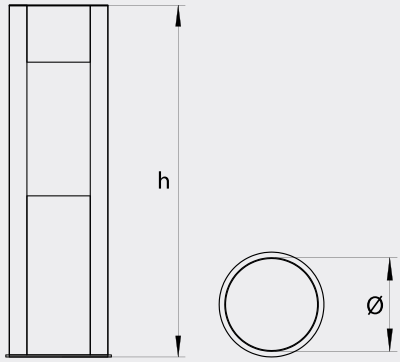
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** a	b	h
5220-114-00	4	440	110	2700-6500K	>0,95	120	120	300-800
5220-224-00	6	666	111	2700-6500K	>0,95	120	120	400-1000
5220-334-00	8	872	109	2700-6500K	>0,95	120	120	500-1500

Wonder

Bolard Armatürü

Bollard Luminaire

LED | 230V 50Hz | IP66 | CRI 70 | CRI 80 | IK08 | EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri
Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

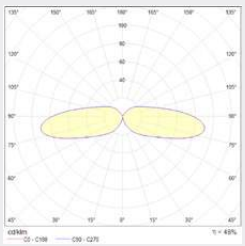
Optik / Optic : Yüksek Geçirgenliğe Sahip Opal Difüzör & Temperli Cam / High Efficient Opal Diffuser & Tempered Glass

PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

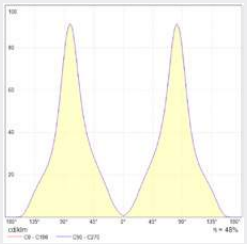
Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi
Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

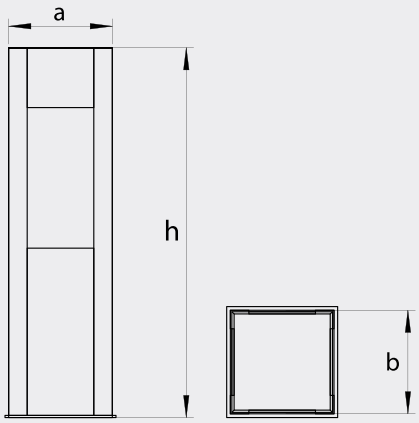
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** Ø	h
5221-114-00	4	440	110	2700-6500K	>0,95	125	300-800
5221-224-00	6	666	111	2700-6500K	>0,95	125	400-1000
5221-334-00	8	872	109	2700-6500K	>0,95	125	500-1500

Liza

Bolard Armatürü

Bollard Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Ekstrüzyon / Enjeksiyon
Aluminum Extrusion / Injection

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

Conta Gasket : Yüksek Isıya Dayanıklı Silikon
High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power
L70> 50.000 Hours Life Mid Power

Marka Brand : SAMSUNG | OSRAM | NICHIA

Optik Optic : Yüksek Geçirgenliğe Sahip Cam
High Efficient Glass

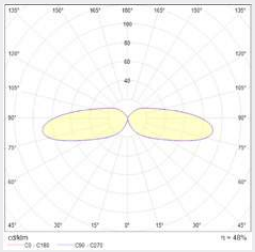
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

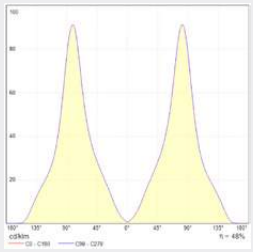
Marka Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

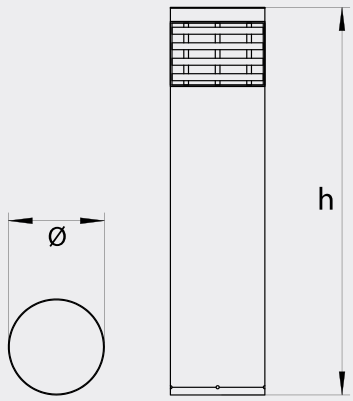
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** Ø	h
5222-114-00	4	440	110	2700-6500K	>0,95	150	300-800
5222-224-00	6	666	111	2700-6500K	>0,95	150	400-1000
5222-334-00	8	872	109	2700-6500K	>0,95	150	500-1500

Alya

Bolard Armatürü

Bollard Luminaire

LED | 230V 50Hz | IP66 | CRI 70 | CRI 80 | IK08 | EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Enjeksiyon
Aluminum Extrusion / Injection

Boya / Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon
High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power
L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & Reflektör
High Efficient Glass & Reflector

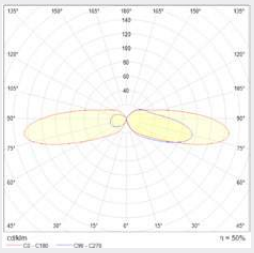
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

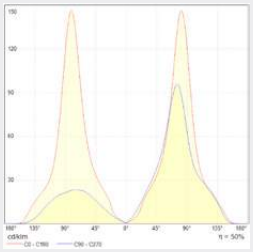
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

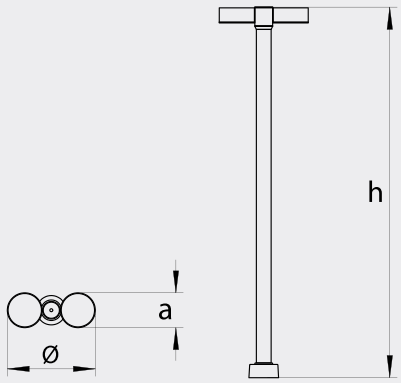
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** Ø	h
5223-112-00	4	440	110	2700-6500K	>0,95	120	300-800
5223-222-00	6	666	111	2700-6500K	>0,95	120	400-1000
5223-332-00	8	872	109	2700-6500K	>0,95	120	500-1500

Perla

Bolard Armatürü

Bollard Luminaire

EN 60598-2-3 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



1-10V | DALI | AstroDIM

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Enjeksiyon
Aluminum Extrusion / Injection

Boya / Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon
High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power
L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam
High Efficient Glass

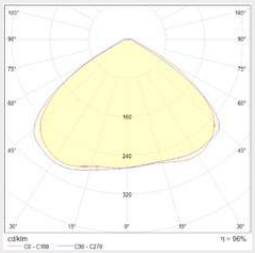
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

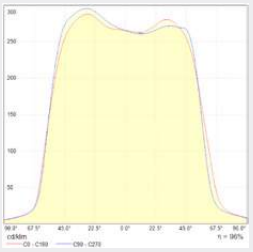
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve

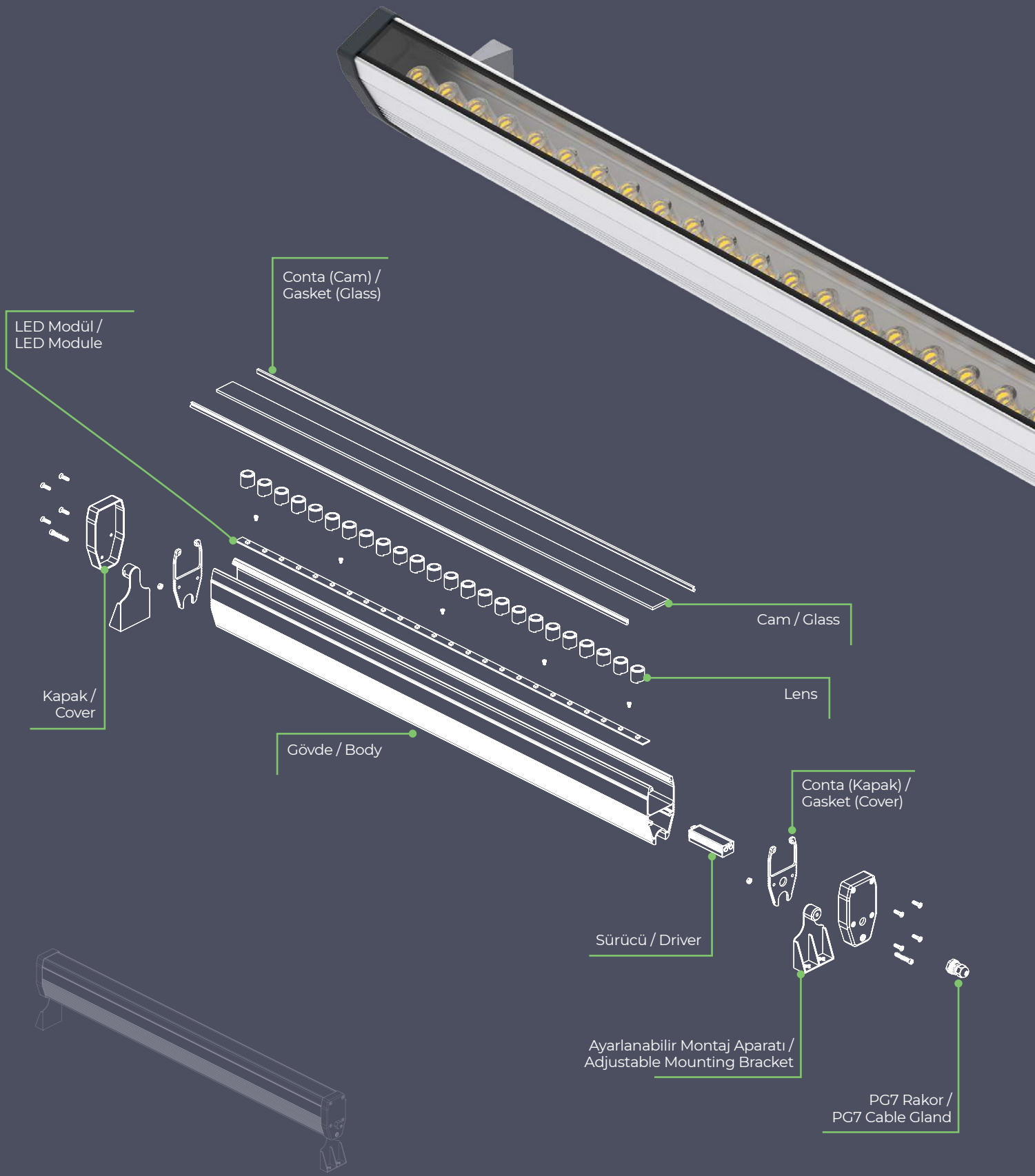


Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)** Ø	h
5224-114-00	4	440	110	2700-6500K	>0,95	120	300-800
5224-224-00	6	666	111	2700-6500K	>0,95	120	400-1000
5224-334-00	8	872	109	2700-6500K	>0,95	120	500-1500

Wallwasher LED Aydınlatma Armatürleri

Wallwasher LED Lighting Luminaires



229 • **Oberon**

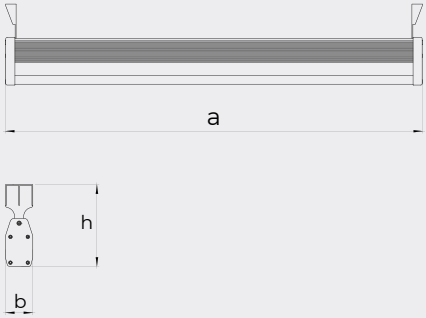
Oberon

Wallwasher LED Aydınlatma Armatürleri

Wallwasher LED Lighting Luminaires

LED | 230V 50Hz | IP67 | IK08 | CRI 80 | CE

EN 60598-2-5 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



AMBER 583nm-565nm | BLUE 464nm-475nm | GREEN 520nm-545nm | RED 615nm-635nm

Işık akısı 2700-6500K için geçerlidir.
The value of Luminaire Flux are valid for 2700-6500K.

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Eloksal Kaplama / Anodized Coating

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM | NICHIA

Optik / Optic : Yüksek Geçirgenliğe Sahip Cam & 10° - 80° Tekli Lens / High Efficient Glass & 10° - 80° Single Lens

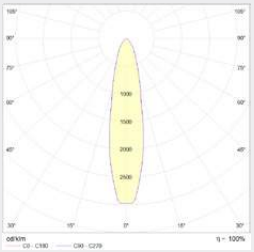
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

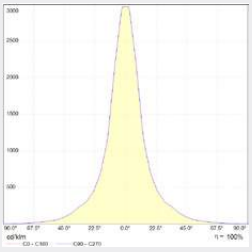
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve

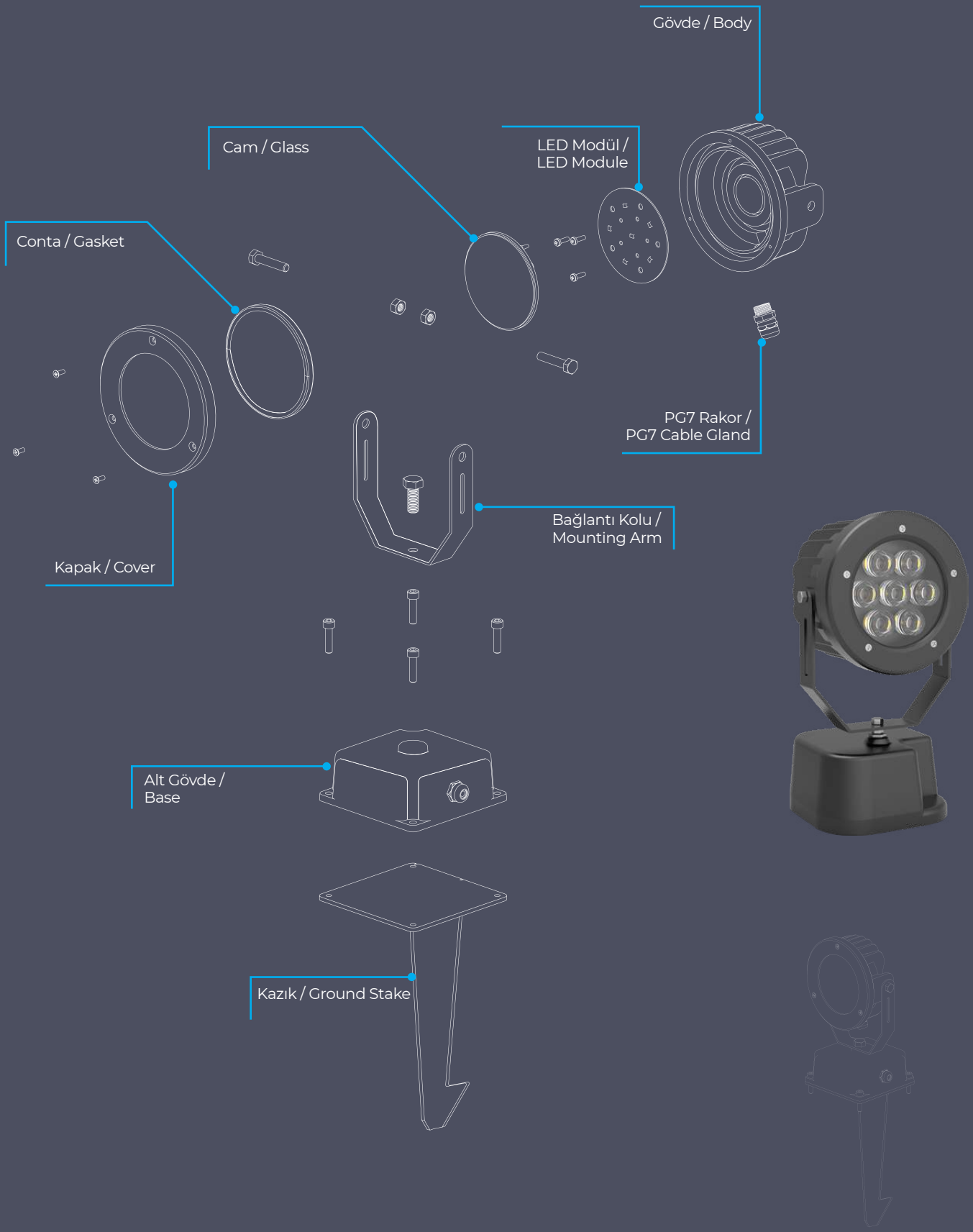


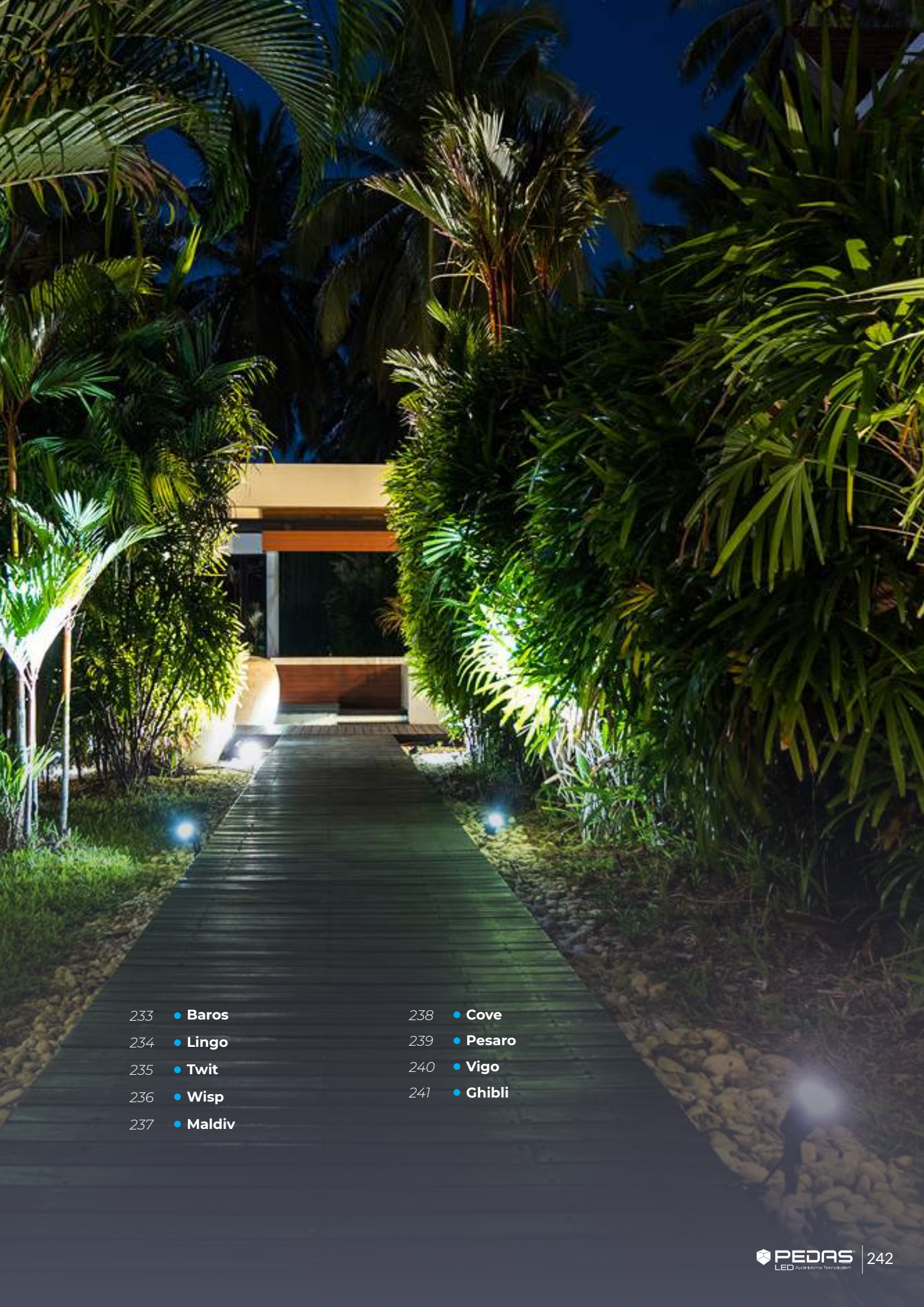
Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
5327-112-00	11	902	82	2700-6500K	0,6	0,7	0,00243	1	>0,95	173	60	180	183	70	190
5327-222-00	20	1900	95	2700-6500K	1	1,1	0,00452	1	>0,95	329	60	180	340	70	190
5327-332-00	38	3230	85	2700-6500K	1,8	2	0,00830	1	>0,95	614	60	180	624	70	190
5327-442-00	54	4752	88	2700-6500K	2,7	3	0,01229	1	>0,95	914	60	180	924	70	190
5327-552-00	64	6144	96	2700-6500K	3	3,4	0,01428	1	>0,95	1064	60	180	1074	70	190
5327-662-00	76	7000	92	2700-6500K	3,4	3,7	0,01428	1	>0,95	1214	60	180	1074	70	190

Yer Gömme Aydınlatma Armatürleri

Outdoor Recessed Mounted Lighting Luminaires





233 • Baros
234 • Lingo
235 • Twit
236 • Wisp
237 • Maldiv
238 • Cove
239 • Pesaro
240 • Vigo
241 • Ghibli

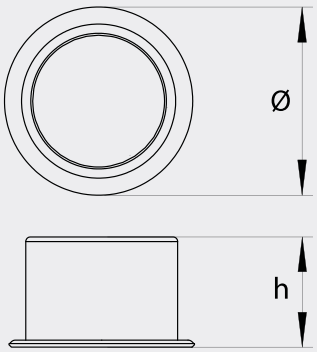
Baros

Yere Gömme LED Aydınlatma Armatürleri

Exterior Recessed Mounted LED Lighting Luminaires

LED | 230V 50Hz | IP65 | IK08 | CRI 80 | CE

EN 60598-2-13 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



AMBER 583nm-595nm | BLUE 464nm-475nm | GREEN 520nm-545nm | RED 615nm-635nm

Işık akısı 2700-6500K için geçerlidir.
The value of Luminaire Flux are valid for 2700-6500K.

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM

Optik / Optic : Yüksek Geçirgenliğe Sahip Lens (10 - 60°) / High Efficient Lens (10 - 60°)

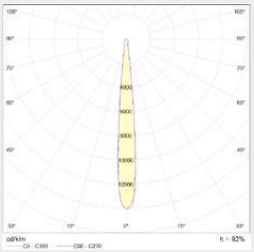
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

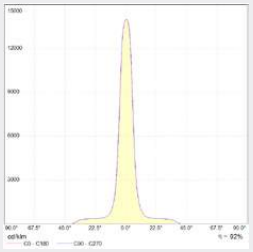
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

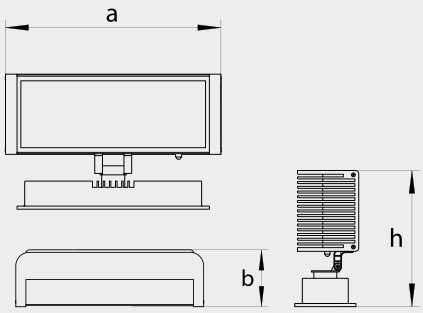
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
5428-112-00	1	124	124	Kırmızı (Red) Yeşil (Green) Mavi (Blue) Amber 2700-6500K	0,5	0,6	0,00056	1	>0,95	65	90	75	75	100
5428-222-00	3	366	122		0,8	1	0,00127	1	>0,95	100	95	110	110	105
5428-332-00	6	726	121		1	1,2	0,00303	1	>0,95	160	95	170	170	105
5428-342-00	9	1080	120		1	1,2	0,00303	1	>0,95	160	95	170	170	105
5428-352-00	12	1428	119		1,2	1,4	0,00303	1	>0,95	160	95	170	170	105
5428-462-00	18	2106	117		2	2,2	0,01009	1	>0,95	300	95	310	310	105

Lingo

Harici LED Aydınlatma Armatürleri

Exterior Floor Mounted LED Lighting Luminaires

EN 60598-2-13 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



AMBER 583nm-595nm | BLUE 464nm-475nm | GREEN 520nm-545nm | RED 615nm-635nm

Işık akısı 2700-6500K için geçerlidir.
The value of Luminaire Flux are valid for 2700-6500K.

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM

Optik / Optic : Yüksek Geçirgenliğe Sahip Lens (10 - 60°) / High Efficient Lens (10 - 60°)

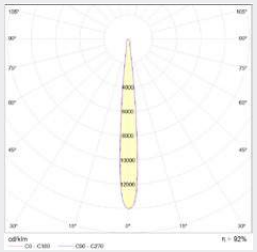
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

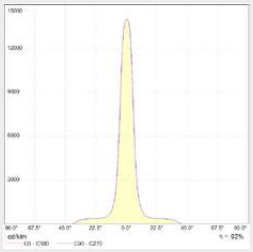
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
5429-113-00	18	2160	120	Kırmızı (Red) Yeşil (Green) Mavi (Blue) Amber 2700-6500K	1,6	2	0,00757	1	>0,95	180	280	80	190	290	90
5429-223-00	36	4320	120		3	3,4	0,00865	1	>0,95	320	300	80	330	330	90

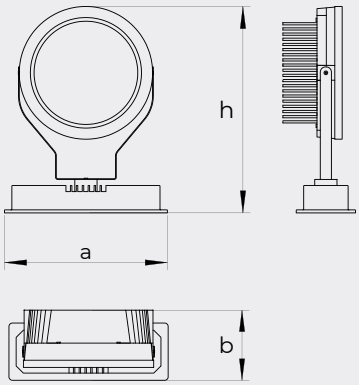
Twit

Harici LED Aydınlatma Armatürleri

Exterior Floor Mounted LED Lighting Luminaires

LED | 230V 50Hz | IP65 | IK08 | CRI 80 | CE

EN 60598-2-13 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



AMBER 583nm-565nm | BLUE 464nm-475nm | GREEN 520nm-545nm | RED 615nm-635nm

Işık akısı 2700-6500K için geçerlidir.
The value of Luminaire Flux are valid for 2700-6500K.

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM

Optik / Optic : Yüksek Geçirgenliğe Sahip Lens (10 - 60°) / High Efficient Lens (10 - 60°)

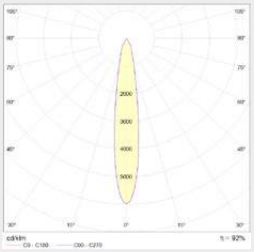
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

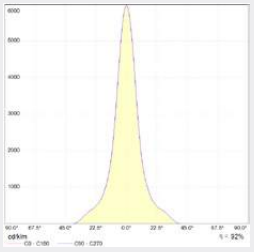
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

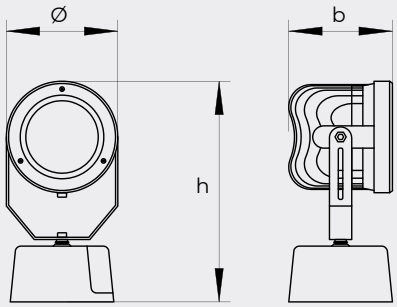
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
5430-111-00	18	2160	120	Kırmızı (Red) Yeşil (Green) Mavi (Blue) Amber 2700-6500K	1,5	1,8	0,00841	1	>0,95	170	280	80	290	290	100
5430-221-00	36	4320	120		2,5	2,9	0,01296	1	>0,95	220	350	80	360	360	100

Wisp

Harici LED Aydınlatma Armatürleri

Exterior Floor Mounted LED Lighting Luminaires

EN 60598-2-13 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



AMBER 583nm-565nm | BLUE 464nm-475nm | GREEN 520nm-545nm | RED 615nm-635nm

Işık akısı 2700-6500K için geçerlidir.
The value of Luminaire Flux are valid for 2700-6500K.

Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Enjeksiyon
Aluminum Injection

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

Conta Gasket : Yüksek Isıya Dayanıklı Silikon
High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power
L70> 50.000 Hours Life Mid Power

Marka Brand : SAMSUNG | OSRAM

Optik Optic : Yüksek Geçirgenliğe Sahip Lens (10 - 60°)
High Efficient Lens (10 - 60°)

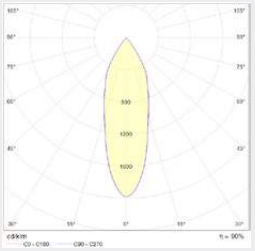
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

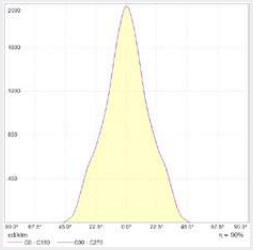
Marka Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	b	h	a	b	h
5431-112-00	10	1300	130	Kırmızı (Red) Yeşil (Green) Mavi (Blue) Amber 2700-6500K	0,7	1	0,00841	1	>0,95	100	93	197-386	290	290	100
5431-122-00	15	1920	128		1,7	2	0,01296	1	>0,95	100	93	197-386	290	290	100
5431-132-00	20	2540	127		1,7	2	0,01296	1	>0,95	100	93	197-386	290	290	100

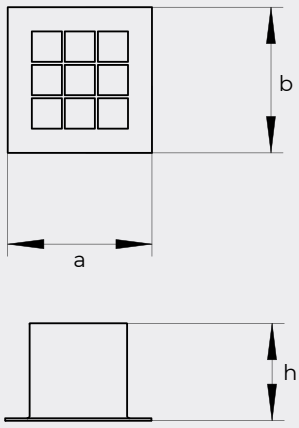
Maldiv

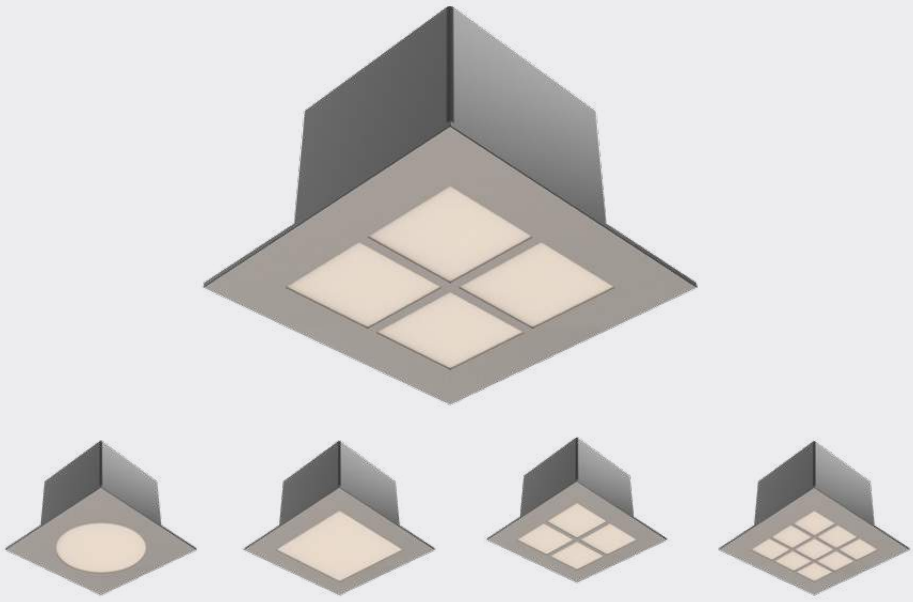
Duvara Gömme LED Aydınlatma Armatürleri

Exterior Recessed Mounted LED Lighting Luminaires

LED | 230V 50Hz | IP54 | IK08 | CRI 80 | CE

EN 60598-2-13 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





AMBER 583nm-595nm | BLUE 464nm-475nm | GREEN 520nm-545nm | RED 615nm-635nm

Işık akısı 2700-6500K için geçerlidir.
The value of Luminaire Flux are valid for 2700-6500K.

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

LED : LED Ampul / LED Bulb

Duy / Lamp H. : G9

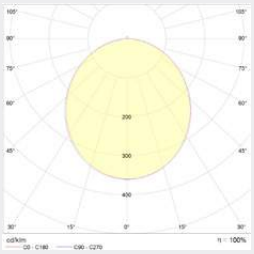
Marka / Brand : SAMSUNG | OSRAM

Cam / Glass : Temperli Cam / Tempered Glass

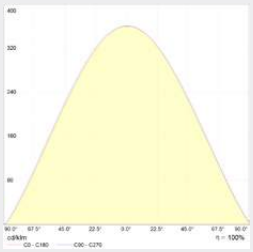
Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
5432-111-00	3	300	100	Kırmızı (Red) Yeşil (Green) Mavi (Blue) Amber 2700-6500K	0,4	0,5	0,00152	1	>0,95	110x110	120	120	80	130	130	90

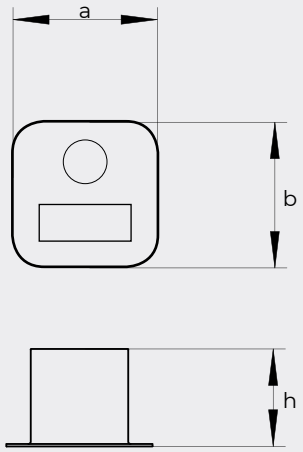
Cove

Duvara Gömme LED Aydınlatma Armatürleri

Outdoor Recessed Mounted LED Lighting Luminaires

EN 60598-2-13 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778

CE | CRI 80 | IK 02 | IP 20 | 230V 50Hz | LED



AMBER 583nm-595nm | BLUE 464nm-475nm | GREEN 520nm-545nm | RED 615nm-635nm

Işık akısı 2700-6500K için geçerlidir.
The value of Luminaire Flux are valid for 2700-6500K.

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM

Optik / Optic : Yüksek Geçirgenliğe Sahip Reflektör / High Efficient Reflector

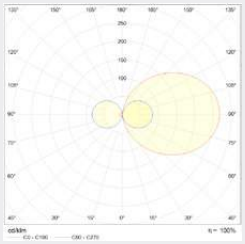
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Driver On Board

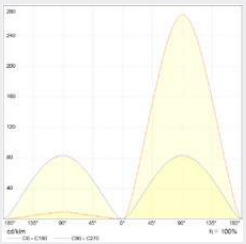
Marka / Brand : PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
5433-112-00	1,2	125	104	2700-6500K	0,4	0,5	0,00051	1	>0,95	70x70	80	80	50	90	90	60
5433-222-00	1,5	150	100	2700-6500K	0,5	0,6	0,00091	1	>0,95	70x70	80	80	50	90	90	60

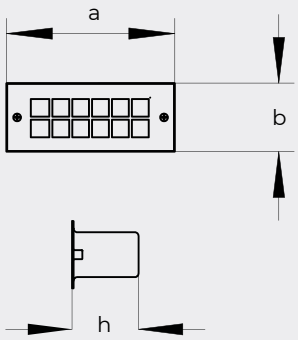
Pesaro

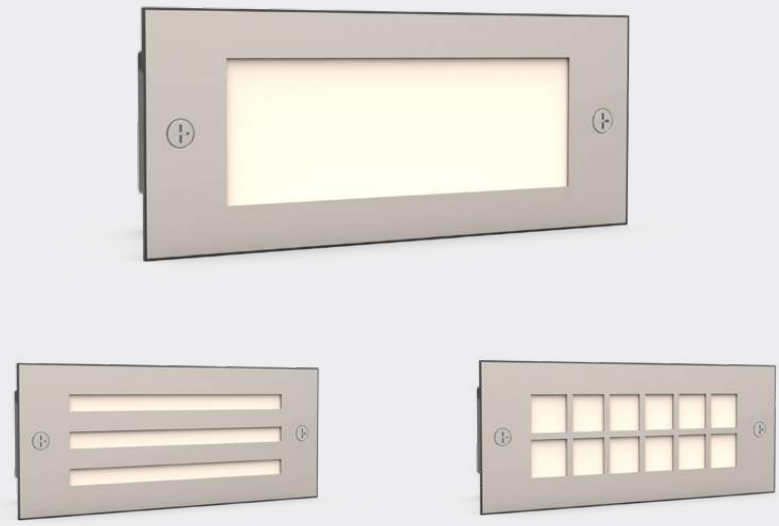
Duvara Gömme LED Aydınlatma Armatürleri

Outdoor Recessed Mounted LED Lighting Luminaires

LED | 230V 50Hz | IP 54 | CRI 80 | IK 08 | CE

EN 60598-2-13 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





AMBER 583nm-595nm | BLUE 464nm-475nm | GREEN 520nm-545nm | RED 615nm-635nm

Işık akısı 2700-6500K için geçerlidir.
The value of Luminaire Flux are valid for 2700-6500K.

Armatür Özellikleri

Specifications of Luminaire

Gövde Body : DKP Sac Gövde
DKP Sheet Body

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

LED : LED Ampul
LED Bulb

Duy Lamp H. : G9

Marka Brand : SAMSUNG | OSRAM

Cam Glass : Temperli Cam
Tempered Glass

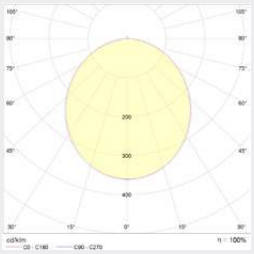
Conta Gasket : Yüksek Isıya Dayanıklı Silikon
High Temp. Resistant Silicone

Sürücü Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

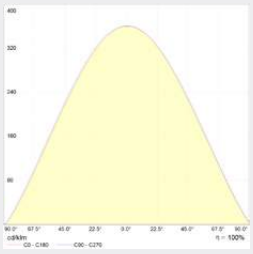
Marka Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

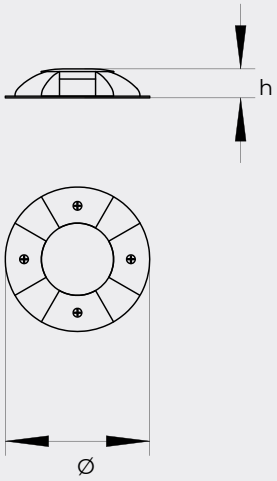
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Kesim Ölçüsü** Cut Size **(mm)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
											a	b	h	a	b	h
5434-112-00	1,5	150	100	Kırmızı (Red) Yeşil (Green) Mavi (Blue) Amber 2700-6500K	1,3	1,5	0,00036	1	>0,95	105x40	110	45	45	120	55	55

Vigo

Yere Gömme LED Aydınlatma Armatürleri

Exterior Recessed Mounted LED Lighting Luminaires

EN 60598-2-13 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



AMBER 583nm-565nm | BLUE 464nm-475nm | GREEN 520nm-545nm | RED 615nm-635nm

Işık akısı 2700-6500K için geçerlidir.
The value of Luminaire Flux are valid for 2700-6500K.

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Enjeksiyon / Aluminum Injection

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : SAMSUNG | OSRAM

Optik / Optic : Yüksek Geçirgenliğe Sahip PMMA Difüzör & Temperli Cam / High Efficient PMMA Diffuser & Tempered Glass

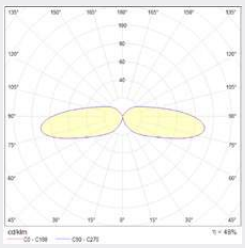
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

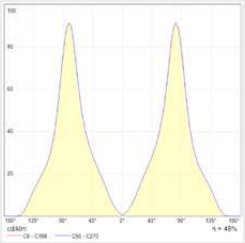
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | MEAN WELL | MOSO

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
										Ø	h	a	b	h
5435-112-00	1,5	100	67	Kırmızı (Red) Yeşil (Green) Mavi (Blue) Amber 2700-6500K	0,4	0,5	0,00097	1	>0,95	100	70	110	110	80

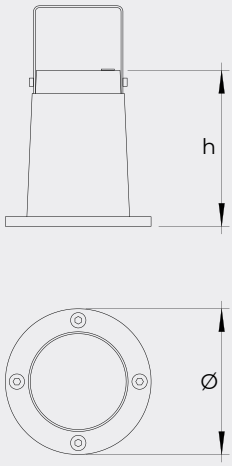
Ghibli

Harici LED Aydınlatma Armatürleri

Exterior Floor Mounted LED Lighting Luminaires

LED | 230V 50Hz | IP65 | IK08 | CRI 80 | CE

EN 60598-2-13 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Armatür Özellikleri

Specifications of Luminaire

Gövde Body : Alüminyum Enjeksiyon
Aluminum Injection

Boya Paint : Elektrostatik Toz Boya
Electrostatic Powder Painted

Conta Gasket : Yüksek Isıya Dayanıklı Silikon
High Temp. Resistant Silicone

LED : L70> 50.000 Saat Ömürlü Mid Power
L70> 50.000 Hours Life Mid Power

Marka Brand : SAMSUNG | OSRAM

Cam Glass : Temperli Cam
Tempered Glass

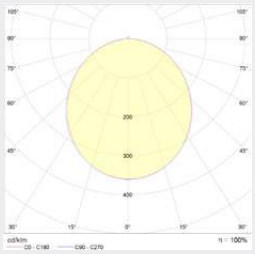
PCB : Isı İletkenliği Yüksek PCB
High Heat Conductive PCB

Sürücü Driver : Yüksek Verimli ENEC Sertifikalı
High Efficient ENEC Certified

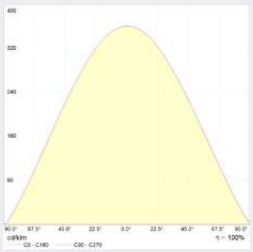
Marka Brand : PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve

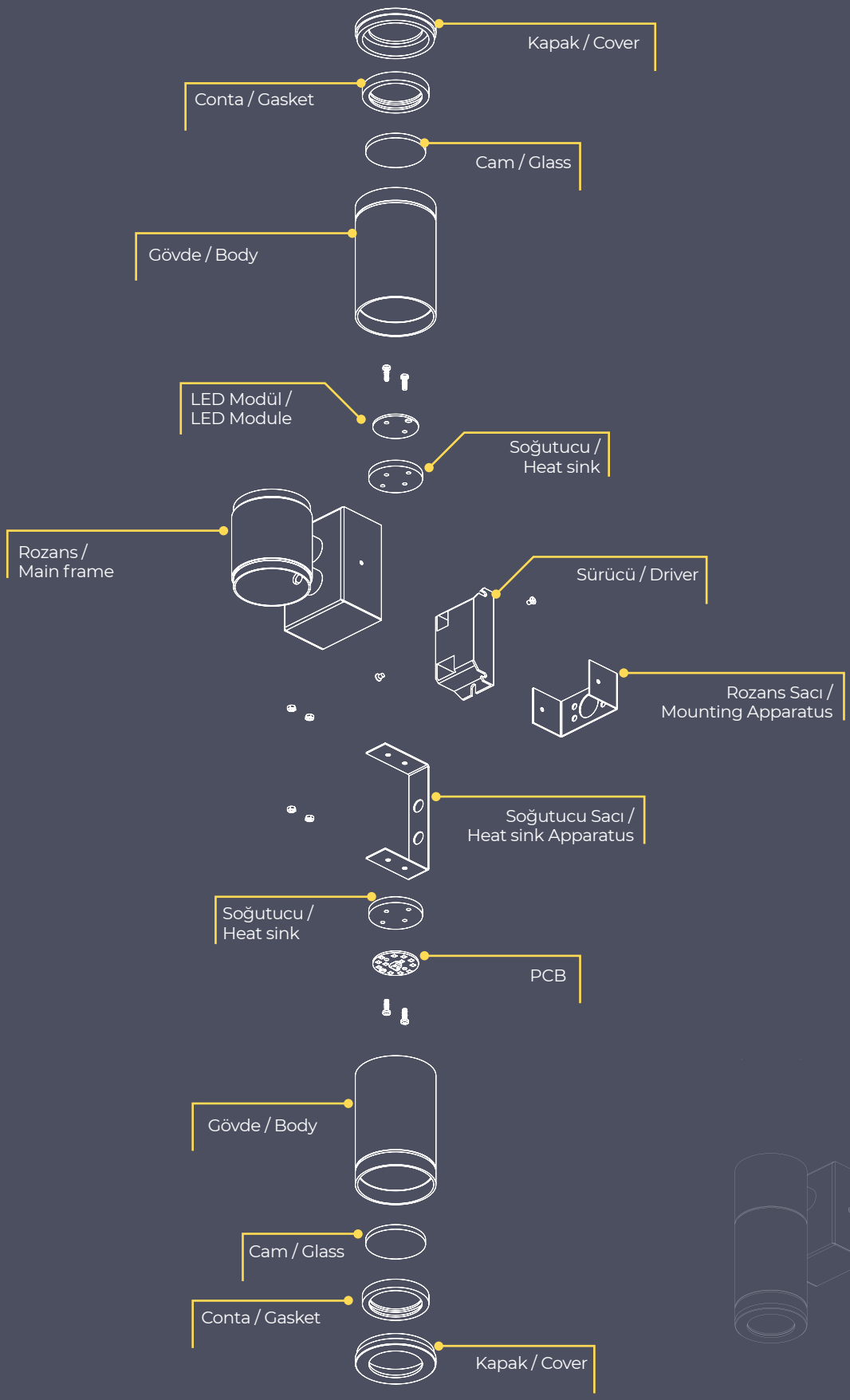


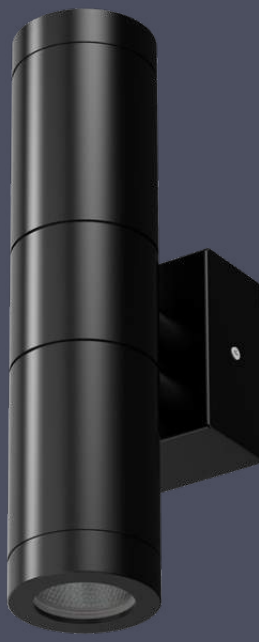
Kartezyen Diagram
Cartesian Diagram

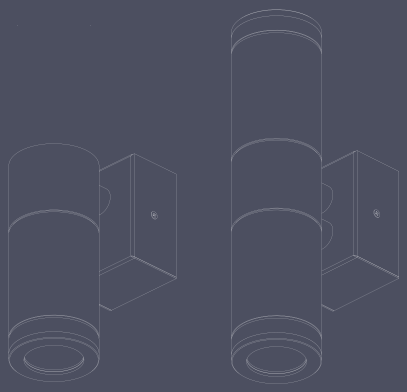
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Güç Faktörü** Power Factor **(λ)**	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
										a	b	h	a	b	h
5436-112-00	3	300	100	2700-6500K	0,4	0,5	0,00152	1	>0,95	120	120	80	130	130	90

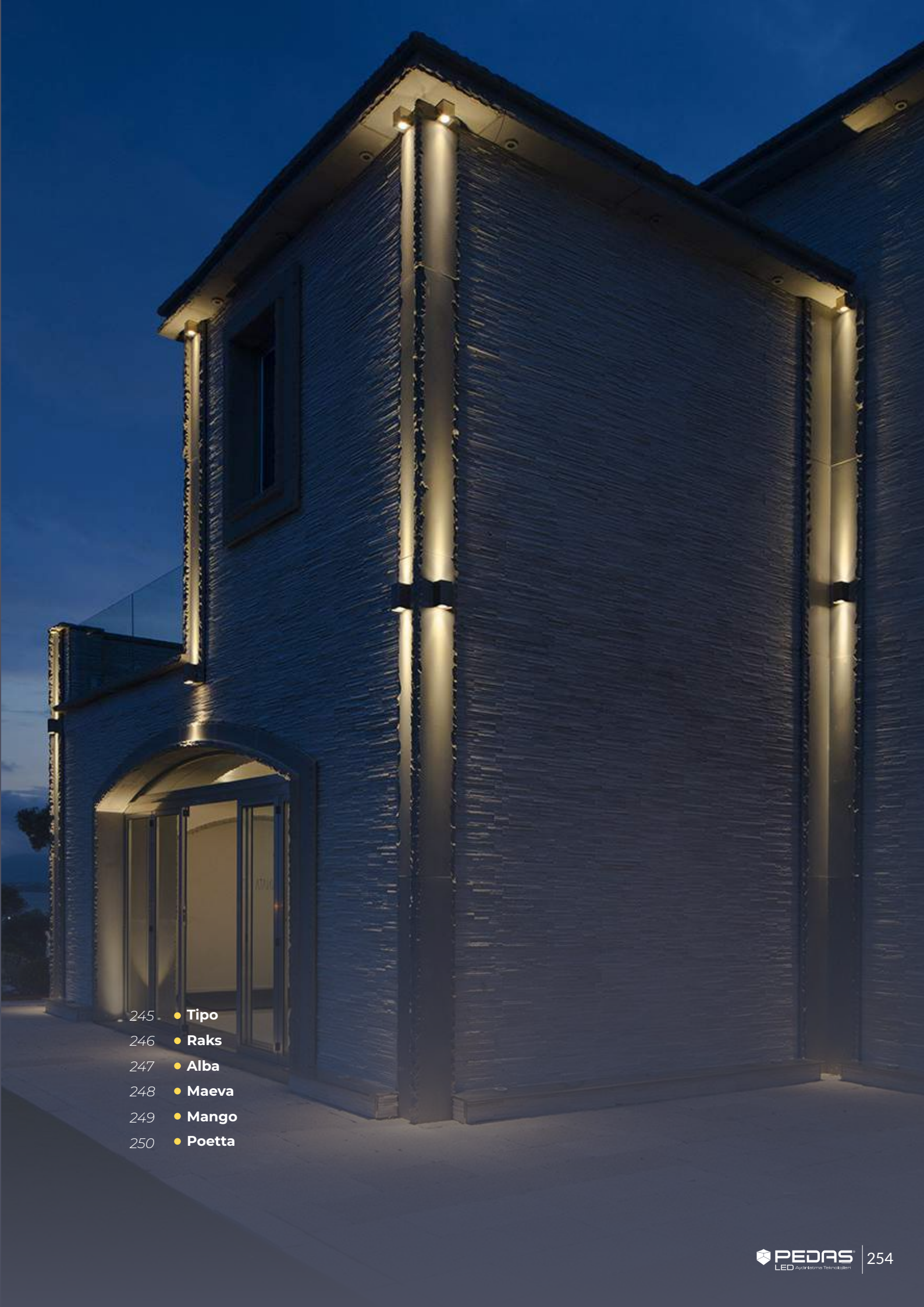
Duvara Monte Aplik Aydınlatma Armatürleri

Wall Mounted Sconce LED Lighting Luminaires









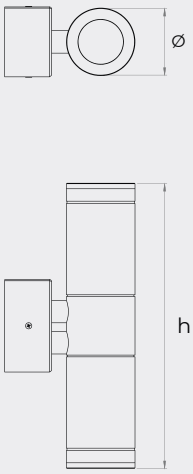
245 • Tipo
246 • Raks
247 • Alba
248 • Maeva
249 • Mango
250 • Poetta

Tipo

Duvara Monte LED Aplik Aydınlatma Armatürü

Wall Mounted Sconce LED Lighting Luminaire

LED | 230V 50Hz | IP65 | IK08 | CRI 80 | EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Painted

Ampul / Bulb : GU10 LED Ampul / GU10 LED Bulb

LED : L70> 50.000 Saat Ömürlü Mid Power / L70> 50.000 Hours Life Mid Power

Marka / Brand : PHILIPS | OSRAM

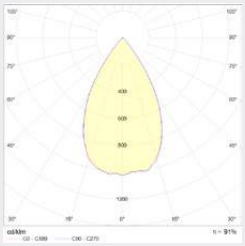
Optik / Optic : Yüksek Geçirgenliğe Sahip Cam / High Efficient Glass

PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

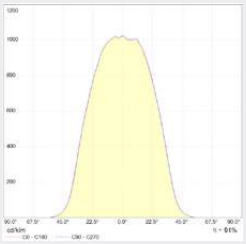
Conta / Gasket : Yüksek Isıya Dayanıklı Silikon / High Temp. Resistant Silicone

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

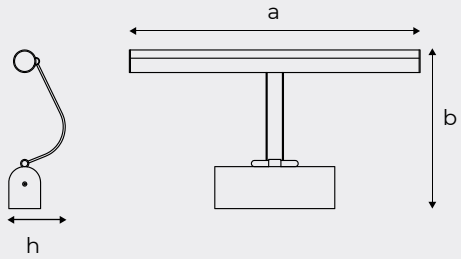
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**		**Koli Boyutları** Box Dimensions **(mm)**		
									Ø	h	a	b	h
2325-112-00	1x5	368	92	2700-6500K	0,2	0,3	0,00080	1	60	160	70	110	165
2325-222-00	2x5	440	88	2700-6500K	0,5	0,6	0,001274	1	60	255	70	110	260

Raks

Duvara Monte LED Aplik Aydınlatma Armatürleri

Wall Mounted Sconce LED Lighting Luminaires

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ekstrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

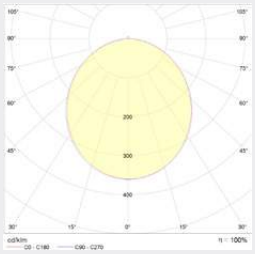
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

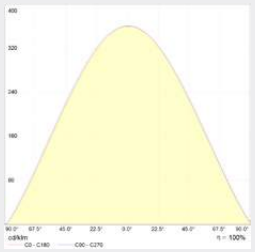
Marka / Brand : OSRAM | TRIDONIC | PHILIPS | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
									a	b	h	a	b	h
5638-111-00	6,5	585	90	2700-6500K	0,4	0,5	0,00090	1	345	200	140	355	210	150

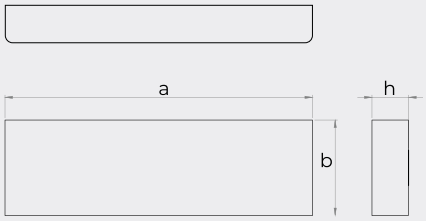
Alba

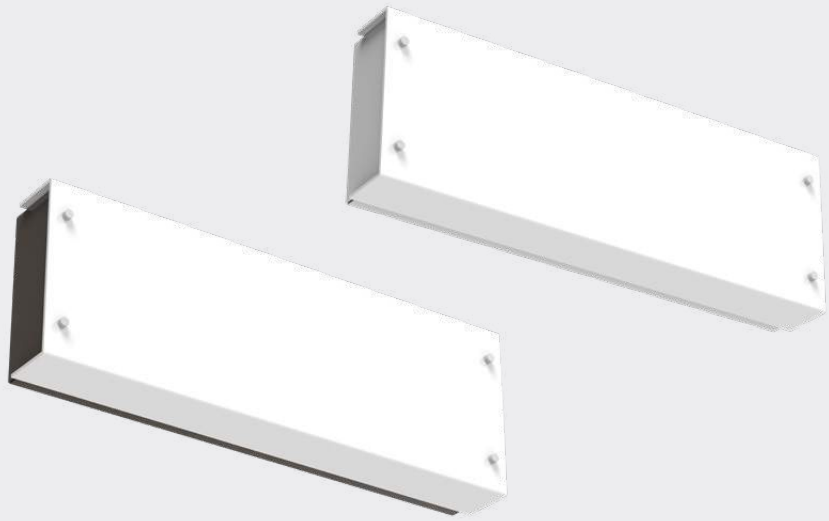
Duvara Monte LED Aplik Aydınlatma Armatürü

Wall Mounted Sconce LED Lighting Luminaire

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CE

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

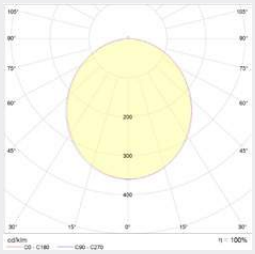
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

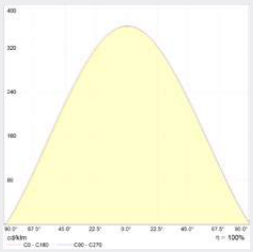
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

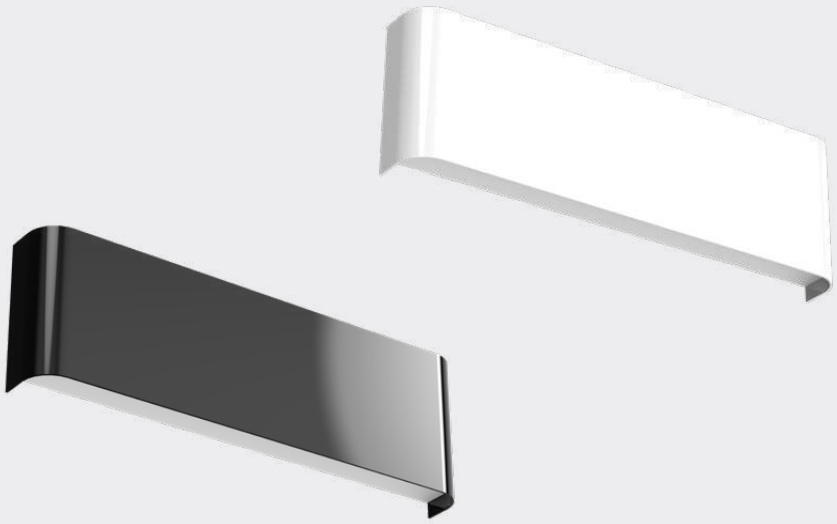
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
									a	b	h	a	b	h
2326-111-00	10	1050	105	2700-6500K	1,5	1,6	0,00245	1	488	65	65	500	70	70
2326-121-00	13	1339	103	2700-6500K	1,5	1,6	0,00245	1	488	65	65	500	70	70
2326-131-00	16	1680	102	2700-6500K	1,5	1,6	0,00245	1	488	65	65	500	70	70
2326-141-00	18	1800	100	2700-6500K	1,5	1,6	0,00245	1	488	65	65	500	70	70

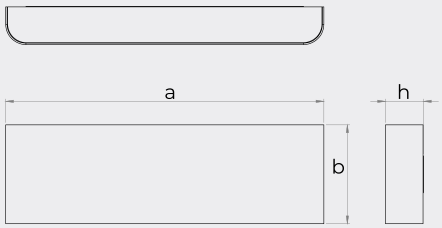
Maeva

Duvara Monte LED Aplik Aydınlatma Armatürü

Wall Mounted Sconce LED Lighting Luminaire

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | CE | CRI 80 | IK 02 | IP 40 | 230V 50Hz | LED





1-10V | DALI | PHASE CUT DIMMABLE | 1-3 Saat

Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : DKP Sac Gövde / DKP Sheet Body

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 50.000 Saat Ömürlü Mid Power LED / L70> 50.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

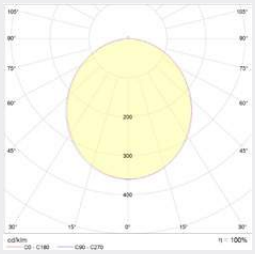
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

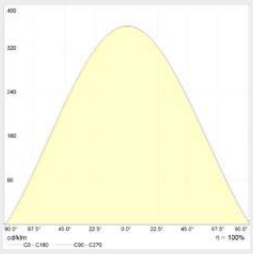
Marka / Brand : OSRAM | TRIDONIC | PHILIPS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
									a	b	h	a	b	h
2327-111-00	10	1050	105	2700-6500K	1,1	1,2	0,00161	1	340	105	40	345	110	45
2327-121-00	13	1339	103	2700-6500K	1,1	1,2	0,00161	1	340	105	40	345	110	45
2327-131-00	16	1680	102	2700-6500K	1,1	1,2	0,00161	1	340	105	40	345	110	45
2327-141-00	18	1800	100	2700-6500K	1,1	1,2	0,00161	1	340	105	40	345	110	45

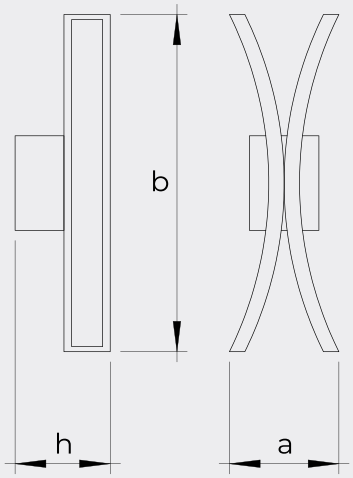
Mango

Duvara Monte LED Aplik Aydınlatma Armatürü

Wall Mounted Sconce LED Lighting Luminaire

LED | 230V 50Hz | IP40 | IK02 | CRI 80 | CE

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778



Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ektrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 36.000 Saat Ömürlü Mid Power LED / L70> 36.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

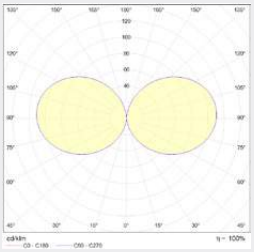
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

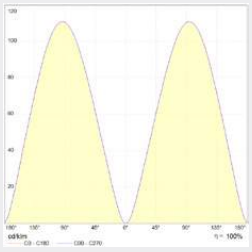
Marka / Brand : TRIDONIC | MEAN WELL | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

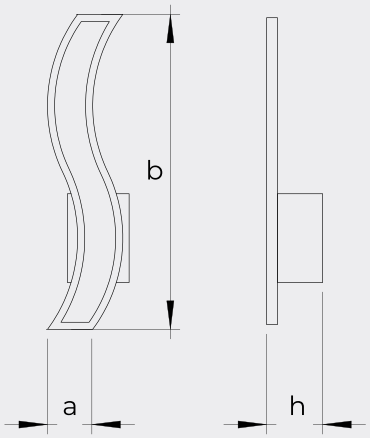
Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
									a	b	h	a	b	h
4335-111-00	15	1500	100	2700-6500K	0,5	0,6	0,00133	1	110	370	100	115	375	105

Poetta

Duvara Monte LED Aplik Aydınlatma Armatürü

Wall Mounted Sconce LED Lighting Luminaire

EN 60598-2-1 | EN 62031 | EN 62471 | EN 60598-1 | IEC TR 62778 | CE | CRI 80 | IK 02 | IP 40 | 230V 50Hz | LED



Armatür Özellikleri

Specifications of Luminaire

Gövde / Body : Alüminyum Ektrüzyon / Aluminum Extrusion

Boya / Paint : Elektrostatik Toz Boya / Electrostatic Powder Paint

LED : L70> 36.000 Saat Ömürlü Mid Power LED / L70> 36.000 Hours Life Mid Power LED

Marka / Brand : OSRAM | SAMSUNG

Optik / Optic : Yüksek Geçirgenliğe Sahip UGR: <19 Opal Difüzör / High Efficient UGR: <19 Opal Diffuser

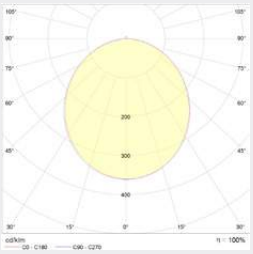
PCB : Isı İletkenliği Yüksek PCB / High Heat Conductive PCB

Sürücü / Driver : Yüksek Verimli ENEC Sertifikalı / High Efficient ENEC Certified

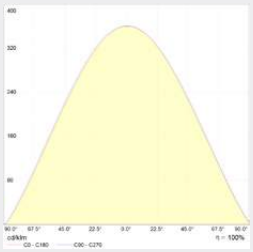
Marka / Brand : TRIDONIC | MEAN WELL | PEDAS

Işık Şiddeti Dağılım Eğrisi

Light Intensity Distribution Curve



Kutup Eğrisi
Polar Curve



Kartezyen Diagram
Cartesian Diagram

Kod Code	**Güç** Power **(W)**	**Işık Akısı** Luminaire Flux **(LM)**	**Etkinlik Faktörü** Efficiency **(LM/W)**	**Işık Rengi** Light Color	**Ürün Ağırlığı** Product Weight **(kg)**	**Kolili Ürün Ağırlığı** Box Product Weight **(kg)**	**Hacim** Volume **(m3)**	**Koli İçi Adeti** Quantity in Box	**Ürün Boyutları** Product Dimensions **(mm)**			**Koli Boyutları** Box Dimensions **(mm)**		
									a	b	h	a	b	h
4339-111-00	15	1500	100	2700-6500K	0,4	0,5	0,00133	1	70	400	100	110	405	105

Semboller / Symbols

Ofis
Office

Toplantı Odası
Meeting Room

Merdiven
Stair

Dershane
Classroom

Koridor
Corridor

Okul
School

Kamu Kurumu
State Agency

Depo
Warehouse

Hastane
Hospital

Ameliyathane
Operating
Room

Market

Mağaza
Shopping Center

Kafe
Cafe

Restoran
Restaurant

Otel
Hotel

Endüstriyel
Mutfak
Industrial
Kitchen

Fabrika
Factory

Otopark
Auto Park

Yakıt İstasyonu
Petrol Station

Cami
Mosque

Anıt
Monument

İnşaat Alanı
Construction
Zone

Stadyum
Stadium

Havaalanı
Airport

Tünel
Tunnel

Park

Sokak
Street

Cadde
Main Road

Şehir İçi
Local Street

Otoban
High Way

Acil Durum Aydınlatma Yönlendirme Sembolleri

Emergency Lighting Direction Symbols

PROJELER

Hastaneler

Taksim Eğitim ve Araştırma Hastanesi

Sivas Numune Hastanesi

Kahramanmaraş Türkoğlu Devlet Hastanesi

Erzurum Şehir Hastanesi

Mersin Tarsus Devlet Hastanesi

Şişli Hamidiye Etfal
Eğitim ve Araştırma Hastanesi

PROJECTS

Hospitals

Çekmeköy Devlet Hastanesi

Alanya Devlet Hastanesi

Kilis Devlet Hastanesi

Antalya Kepez Devlet Hastanesi

İzmir Torbalı Ağız Diş Sağlığı Merkezi

Adana Entegre Sağlık Kampüsü

PROJELER / PROJECTS

Eğitim Kurumları / Education Centers

Gebze Teknik Üniversitesi

Maltepe Üniversitesi

Üsküdar Üniversitesi

Recep Tayyip Erdoğan Külliyesi
Mühendislik ve Teknoloji Fakülteleri

Kütahya Gümüş Eşik Lisesi

YES Eğitim Kurumları

Kamu Kurumları / Government Institutions

Kartal Bölge Adliyesi Mahkemesi

Bakırköy Adliyesi Sarayı

Bağcılar Bölge Adliye Mahkemesi

Trabzon Bölge Adliye Mahkemesi

Balıkesir SGK İl Müdürlüğü

3. Havalimanı PTT Dağıtım Merkezi

PROJELER / PROJECTS

Öğrenci Yurtları / Dormitories

Sancaktepe Öğrenci Yurdu

Ankara Mamak Öğrenci Yurdu

Sivas Öğrenci Yurdu

Karabük Öğrenci Yurdu

Muş Öğrenci Yurdu

Bingöl Öğrenci Yurdu

PROJELER / PROJECTS

Konutlar / Sites and Buildings

Sinpaş Bosphorus İstanbul

Gaziosmanpaşa Konutları TOKİ

Sabırlar İnşaat Trabzon Konut Projesi

Samsun TOKİ Konut Projesi

G.O.P. Bağlarbaşı Kentsel Dönüşüm Projesi

Acarkent Sitesi İstanbul

PROJELER / PROJECTS

Endüstriyel Tesisler / Industrial Plant

Karabük Demir Çelik Fabrikası

Bartın Mescier Demir Çelik Fabrikası

MKE Kırıkkale Mühimmat Fabrikası

Trabzon Et Entegre Tesisi

Gündoğdu Mobilya Fabrikası

Dardanel Fabrikası

Endüstriyel Tesisler / Industrial Plant

Kuşadası Atık Su Tesisi

Amasya Şeker Fabrikası

Çanakkale Termik Santral

Soma Su Artırma Tesisi

Halkalı Kuru Gıda Hali Tesisi

Edirne İçme Suyu Artırma Tesisi

PROJELER / PROJECTS

Askeri Kurumlar / Military Projects

Tuzla Deniz Kuvvetleri Komutanlığı

Milli Savunma Üniversitesi

İstanbul Hava Harp Okulu

Isparta Dağ Komando Okulu

Isparta Kara Havacılık Komutanlığı

Gürbulak Sınır Kapısı

Ceza İnfaz Kurumları / Prison Buildings

Elazığ T Tipi Kapalı Ceza İnfaz Kurumu

Menemen T Tipi Kapalı Ceza İnfaz Kurumu

İskenderun T Tipi Kapalı Ceza İnfaz Kurumu

Silivri Kapalı Ceza İnfaz Kurumu

Bitlis Ahlat Ceza İnfaz Kurumu

Ayvacık Açık Ceza İnfaz Kurumu

PROJELER / PROJECTS

Spor Salonları & Stadyumlar

Trabzon Akyazı Stadyumu
(İç Aydınlatma)

Necmettin Şeyhoğlu Stadyumu
(İç Aydınlatma)

Kocaeli Stadyumu
(İç Aydınlatma)

Ataköy Ahmet Cömert Spor Salonu

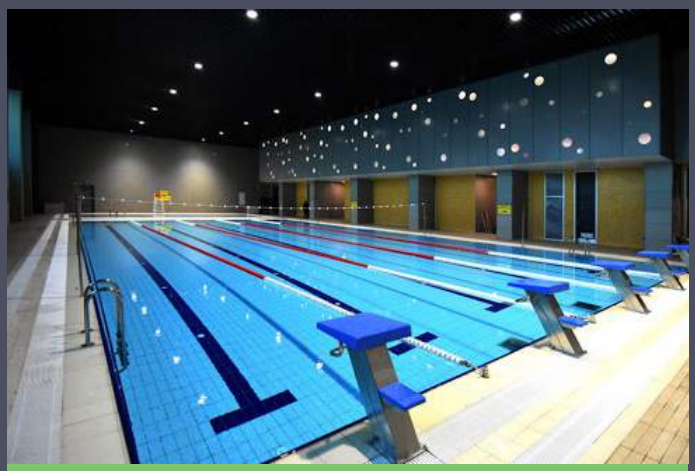
Burdur Sporcu Eğitimi ve Kamp Merkezi

Kastamonu Spor Merkezi

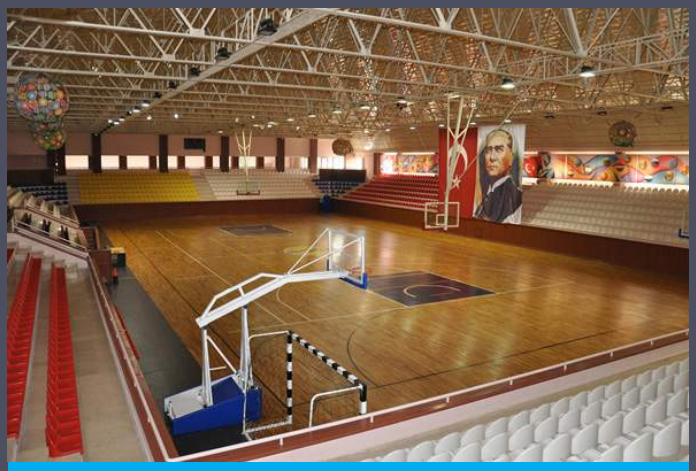
Bingöl Gençlik Spor İl Müdürlüğü Kamp Eğitim Merkezi

Sancaktepe Spor Kompleksi

Yeşilyurt Spor Klubü



Bahçelievler Kapalı Spor Salonu



Maltepe Üniversitesi Spor Salonu

Samsun Spor Merkezi

PROJELER

Özel Projeler

Maxx Royal

Özdilek AVM

Tavuk Dünyası

Hepsiburada Operasyon Merkezi

Çetmen Mağazaları

Alfemo Mağazaları

Bakırköy Hilton Otel

BİM Depoları

Konfor Mağazaları

Akasya AVM

İşbir Yatak Mağazaları

Sapanca Enjoy Hotel

PROJELER

Yurtdışı Projeleri

Parliament Building Tashkent - Uzbekistan

Street and Road Lighting Felluce - Iraq

Bagabat Treatment and Sanatorium Facility
Ahal - Turkmenistan

Ministry of Internal Affairs
Ashgabat - Turkmenistan

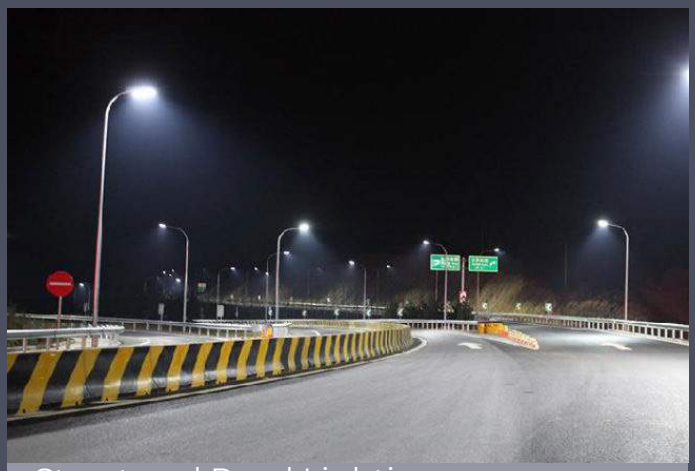
Prime Residential Barwa City Lighting
Doha - Qatar

Mosque Lighting Onaiza, Doha - Qatar

PROJECTS

Overseas Projects

Mosque Lighting Messila, Doha - Qatar



Street and Road Lighting
Derloghsone Municipality - Israel

Street and Road Lighting
Haile Garment - Jemmo, Ethiopia

Boulevard Tensoba Ouagadougou -
Burkina Faso

Diredawa Industrial Park - Ethiopia

Installation Des Projecteurs Au Port
Autonome De - Guinea Conakry

REFERANSLARIMIZ

REFERENCES

DARDANEL

Ford

DOĞUŞ
GRUBU

merinos
HALI

akasya

YILDIZ TEKNİK ÜNİVERSİTESİ
1911

ÜSKÜDAR
ÜNİVERSİTESİ

GEBZE
TEKNİK ÜNİVERSİTESİ

UNIVERSITY OF MALOVA
2008

BAYBURT ÜNİVERSİTESİ
2008

KIRIKKALE ÜNİVERSİTESİ

Büyük
Çamlıca
Koleji

final

AĞRI
İBRAHİM ÇEÇEN
ÜNİVERSİTESİ

ACAR
KENT

HUZUR

BURSA TEKNİK ÜNİVERSİTESİ
2010

SİNPAŞ GYO
BOSPHORUS CITY
İSTANBUL

MİGROS

Tavuk Dünyası

ALFEMO

ATASAY

ÇETMEN
Oluyor ne istesem

PINAR
PINAR SU

TRUMP
TOWER

akınalbella

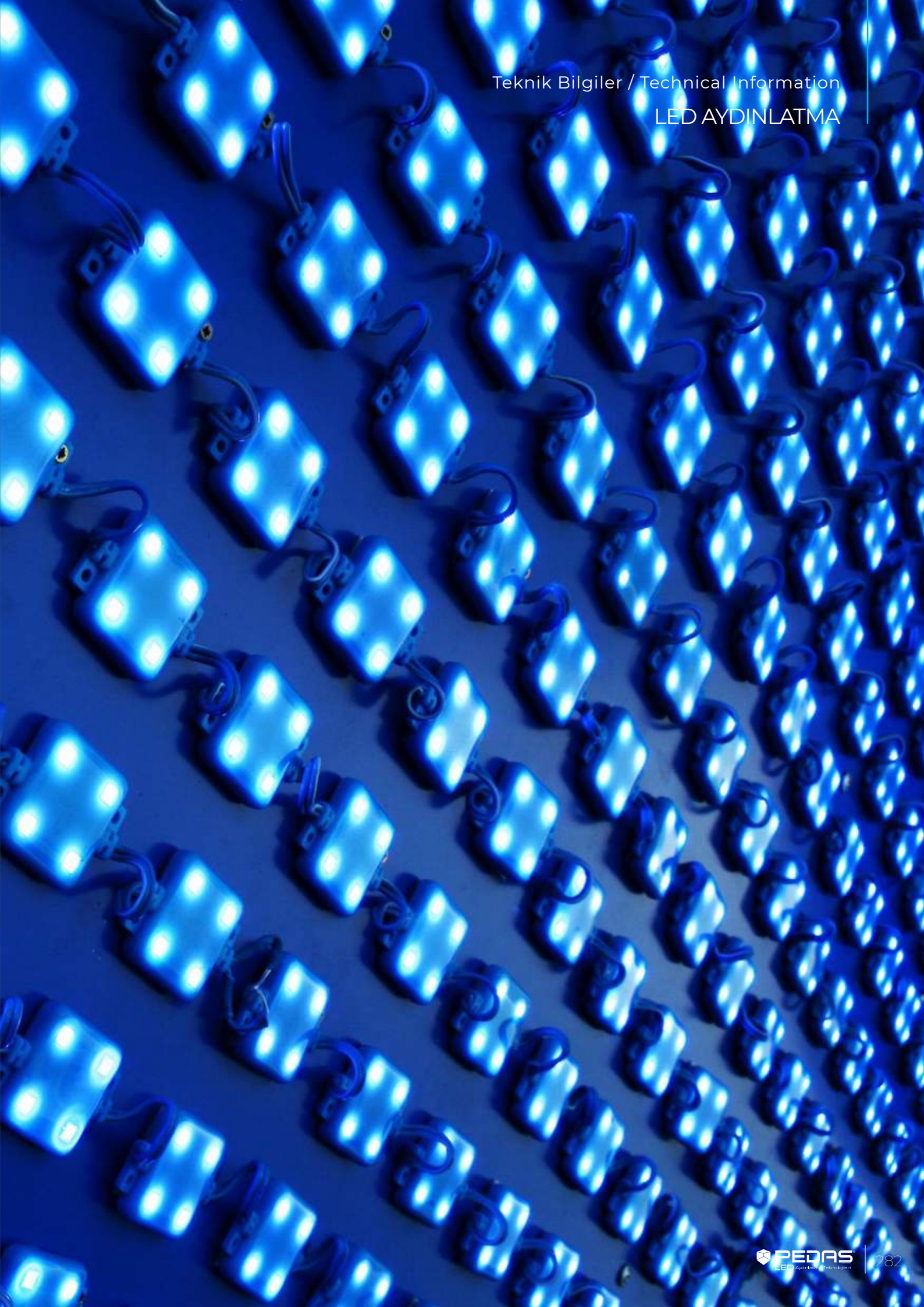
ŞİŞECAM

collezione

Pakmaya

Hilton

TECHNICAL INFORMATIONS
LED AYDINLATMA

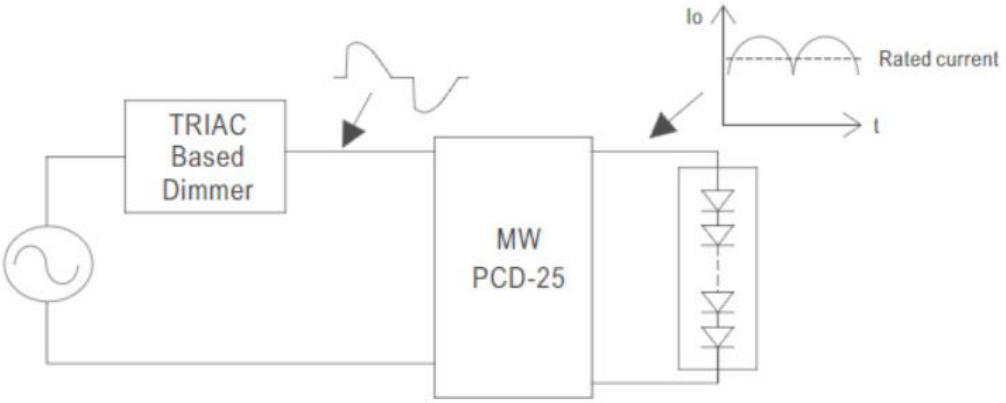


LED AYDINLATMA

AC DİZİN İŞLEMİ / *AC DIMMING OPERATION*

Aşağıdaki şema, PCD-25'i kullanan tipik bir kurulumu tasvir etmektedir:

The following diagram depicts a typical installation utilizing the PCD-25:



- Faz karartma sistemleri, besleme gerilimini değiştirerek ışıkları karartır.
- Bu tip kontrol, ek bir kumanda kablosu gerektirmeden gerçekleştirilir. Şebekeden gelen enerji (FAZ) kablosu ve ekipman arasına seri olarak bağlanır.
- Işık seviyesi %1'den %100'e kadar ayarlanabilir.
- Ev uygulamaları için uygundur.

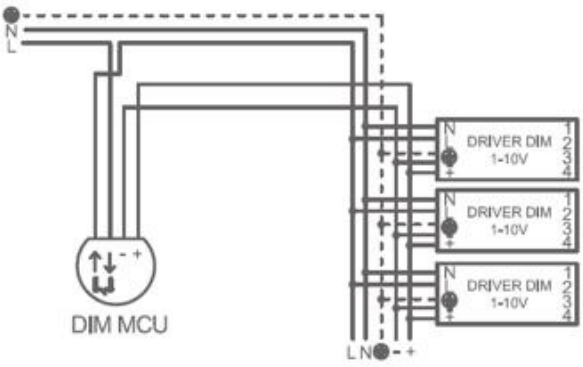
- Phase dimming systems dims the lights by way of altering the supply voltage.
- This type of control is performed without the need for an additional control cable. It is attached serially between the energy (PHASE) cable and the equipment.
- The light level may be adjusted from 1% to 100%.
- It is suitable for home applications.

1V-10V DIMMING

- Kontrol 1V – 10V arasında DC voltaj sinyali üzerinden yapılır.

- Kontrol girişine 1V DC gerilim uygulandığında lamba minimum değerde, 10V DC gerilim uygulandığında da lamba maksimum değerde ışık vermektedir.

- Kontrol hattı için polarite önemlidir, normal tesisat kabloları kullanılabilir özel kablo kullanılması gerekli değildir.



- The control is performed over the DC voltage signal between 1V-10V.
- While the lamp glows at minimum value when the control inlet is applied with 1V DC voltage, it glows at maximum value when the control inlet is applied with 10V DC voltage.
- While the polarity matters for the control line, normal installation cables may be used without the need for special cables.

0 - 10V DIMMING / 0 - 10V DİZİNİ

• Kontrol 0V – 10V arasında DC voltaj sinyali üzerinden yapılır.

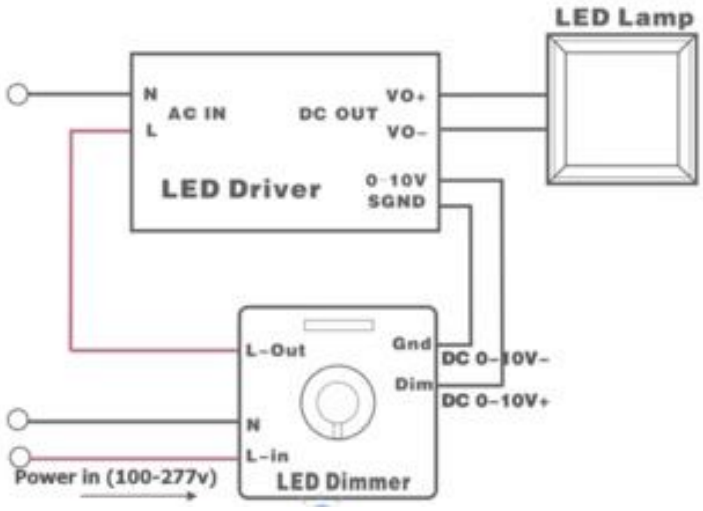
• Kontrol girişine 0V DC gerilim uygulandığında lamba kapalı, 10V DC gerilim uygulandığında da lamba maksimum değerde ışık vermektedir.

• Kontrol hattı için polarite önemlidir, normal tesisat kabloları kullanılabilir özel kablo kullanılması gerekli değildir.

• The control is performed over the DC voltage signal between 1V-10V.

• While the lamp glows at minimum value when the control inlet is applied with 1V DC voltage, it glows at maximum value when the control inlet is applied with 10V DC voltage.

• While the polarity matters for the control line, normal installation cables may be used without the need for special cables.



DALI

• Açma kapatma ve DIM basit devrelerle yapılır.

• DIM değeri sayısal olarak istenilen seviyeye getirilebilir.

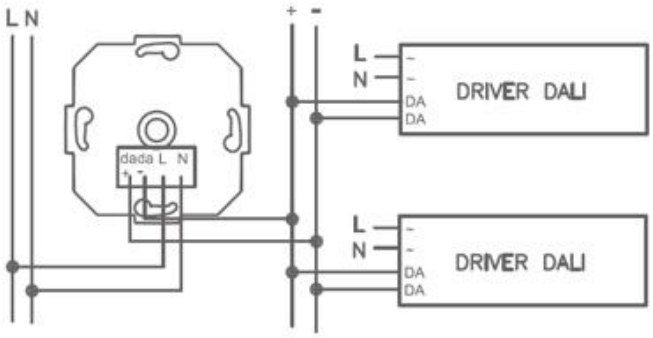
• Lambaları bireysel olarak veya gruplar halinde kontrol etmek mümkündür, kablolamadan bağımsız gruplar değiştirilebilir.

• Işık senaryoları atanabilir, istenildiği zaman çağrılabilir.

• DALI bireyler ve lamba durumları izlenir, bilgi kontrol ünitesine gönderilir (off, on, dim %x, lamba arızalı vb).

• DALI, alçak bileşen maliyetleri ve yüksek fonksiyonlar ile akıllı oda bazlı aydınlatma yönetimi sunar.

• Akıllı armatürlerin kontrolünde en iyi metottur.



• Turning on/off and DIM is performed by means of simple circuits.

• DIM value may be adjusted to the desired level numerically.

• While it is possible to control the lamps either individually, or in groups, independent groups may be altered without cabling.

• Light scenarios may be appointed, which may be recalled when desired.

• While the individuals and lamp statuses are monitored via DALI, information attained (off, on, dim %×, lamp broken down, etc.) is delivered to the control unit.

• DALI offers smart room based lighting management, thanks to its lower compnent costs and higher functions.

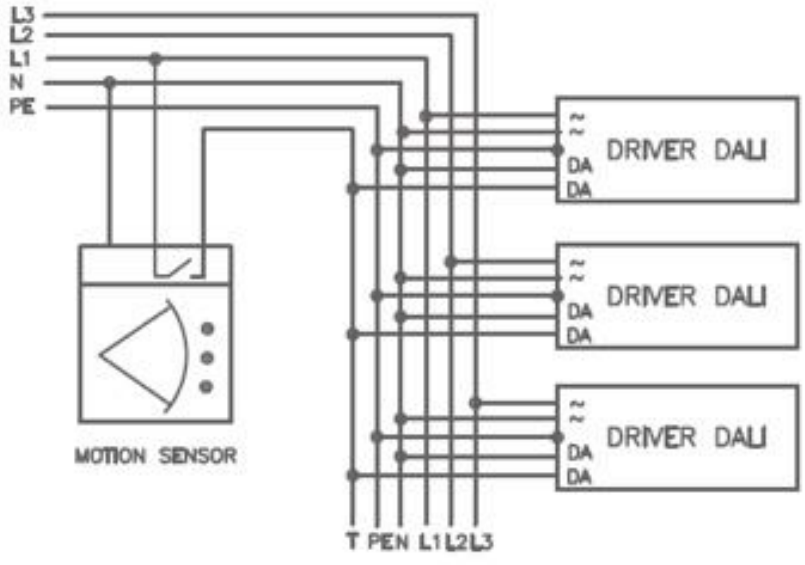
• This is the best method for the control of smart luminaries.

LED AYDINLATMA

DALI – CORRIDOR

•corridor FUNCTION, gün ışığı girmeyen mekanlar için ideal çözümdür.
•Düşük seviyede de olsa ışık insanlara güven duygusu verip yollarını bulmalarını kolaylaştırır, çünkü corridorFUNCTION ışıkları kapatmak yerine loş hale getirir.
•Bütün ışık geçişleri, gözü rahatsız etmeyecek şekilde yapılır.
•corridorFUNCTION'ın en önemli özellikleri; enerji tasarrufu sağlaması, lamba ömrünü uzatması, konforlu olması ve hepsinden önce güvenliği düşünmesidir.
•Kullanımı kolaylaştırmak için, belirlenen yerde bir kişi olduğu zaman (sensör algılama yaptığında) %100 aydınlatma (A noktası), kimse olmadığı zaman ise %10 aydınlatma (B noktası) olacak şekilde ayarlanmıştır.
•Eğer istenir ise tasarrufu daha fazla artırmak için aydınlatma tamamiyle kapatılabilir (C noktası). Bütün bu ayarlar, istek ve ihtiyaçlara göre kolayca değiştirilebilir. corridorFUNCTION'ı özel uygulamalara göre programlanabilir.
•Kablolama için yapılması gereken tek şey, dim edilebilen PCA balastı, istenilen sayıdaki hareket/varlık sensörüne bağlamaktır. Bundan sonrası son derece kolaydır; "Koridor" uygulamalarında PCA balast, corridorFUNCTION'ın özelliklerine ihtiyaç duyulduğunu algılayıp (5 dakika boyunca D1' e faz, D2' ye nötr uygulanması sonucu) otomatik olarak corridorFUNCTION özelliğine geçiş yapar.

•corridorFUNCTION is the ideal solution for locations not receiving sunlight.
•Despite glowing at a lower level, it brings in a feeling of confidence, and helps one finding his/her way, because corridorFUNCTION does not turn off the lights, but make them dim.
•All light transmissions are performed without discomforting one's eyes. •The most important features of corridorFUNCTION are providing energy saving, extending the economic life of the lamp, being comfortable, and above all focusing on safety.
•For ease of use, it has been designed to deliver 100% lighting when there is someone (sensed by the sensor) at the designated spot (A), and 10% lighting when there is noone at the designated spot (B).
•If desired, the lighting may be turned off (Spot C) for the sake of higher energy saving. All these settings may be altered if and when desired, while , corridorFUNCTION' may further be programmed special applications.
•The only thing to do for cabling is to attach dimmable PCA ballast to the deisred number of motion/presence sensors. It is quite easy thereafter; "In the corridor applications, upon noticing the need for corridorFUNCTION's features (upon phase application to D1, and neutral application to D2 for 5 minutes), PCA ballast automatically switches to the respective corridorFUNCTION feature.



MİNİMUM AYDINLIK DÜZEYLERİ

Minimum Illuminance Levels

OFiS, İŞYERLERİ ve ALIŞVERİŞ MERKEZLERİ *OFFICES, WORKPLACES, and SHOPPING MALLS*	LUX
Genel Ofis Alanları / Large Office Areas	500
Çizim Ofisleri / Drawing Offices	1000
Bekleme Salonları / Waiting Halls	200
Bilgi İşlem Merkezleri / IT Centers	300
Mağazlar (Genel) / Stores (General)	300
Süpermarketler / Supermarkets	750
Mağaza ve Showroomlar / Stores and Showrooms	500
Yazıcı Odaları / Printing Rooms	300
Bilgisayar ve Veri Hazırlık / Computer and Data Preparation	500

KÜLTÜR, SANAT, EĞİTİM *CULTURE, ART, EDUCATION*	LUX
Konser Salonu, Sinema, Tiyatro Salonu / Concert Hall, Cinema, Theatre Hall	100
Konser Salonu, Sinema, Tiyatro Salonu / Concert Hall, Cinema, Theatre Hall	200
Işığa Duyarlı Nesnelerin Teşhiri / Exhibition of Light-Sensitive Objects	150
Işığa Duyarsız Nesnelerin Teşhiri / Exhibition of not Light-Sensitive Objects	300
Sınıflar / Classrooms	500
Konferans Salonları / Conference Halls	300
Laboratuarlar, Kütüphaneler / Laboratories, Libraries	500

LED AYDINLATMA

MİNİMUM AYDINLIK DÜZEYLERİ

Minimum Illuminance Levels

TUVALET, TEMİZLİK, İLKYARDIM BÖLÜMLERİ *TOILET, SANITATION, FIRST-AID DIVISIONS*	LUX
Kantinler / Canteens	200
Sigara ve Dinleme Odaları / Smoking and Resting Rooms	100
Rekreasyon Odaları / Recreation Rooms	300
Duşlar, Tuvaletler, Soyunma Odaları / Showers, Toilets, Locker Rooms	100
Revir ve İlkyardım Odaları / Infirmaries, First-Aid Rooms	500

BİNA İÇİ HİZMET ODALARI *IN-BUILDING SERVICE ROOMS*	LUX
Kantinler / Canteens	200
Sigara ve Dinleme Odaları / Smoking and Resting Rooms	100
Rekreasyon Odaları / Recreation Rooms	300
Duşlar, Tuvaletler, Soyunma Odaları / Showers, Toilets, Locker Rooms	100
Revir ve İlkyardım Odaları / Infirmaries, First-Aid Rooms	500

OTOMASYONLU VE YÜKSEK İSTİFLİ AMBARLAR *AUTOMATED AND HIGH-BATCHED WAREHOUSES*	LUX
Koridorlar / Corridors	20
Operatör Yerleri / Operator Sites	200
Dağıtım Yerleri / Distribution Sites	200

MİNİMUM AYDINLIK DÜZEYLERİ

Minimum Illuminance Levels

KONUTLAR, OTELLER, RESTAURANTLAR *DWELLINGS, HOTELS, RESTAURANTS*	LUX
Yatak Odaları / Bedrooms	50
Yatak Başı / Bedhead	200
Banyolar (Genel) / Bathrooms (General)	100
Banyolar (Ayna Yönü) / Bathrooms (Mirror Side)	500
Mutfaklar (Genel) / Kitchens (General)	300
Mutfaklar (Tazgah Üstü) / Kitchens (Countertop)	500
Oturma Odaları (Genel) / Living Rooms (General)	100
Oturma Odaları (Lokal) / Living Rooms (Local)	500
Merdivenler / Stairs	100
Kantinler / Canteens	200
Depo / Warehouse	50
Soyunma Odaları, Tuvaletler / Locker Rooms, Toilets	100
Jimnastik Odaları, Gardrop, Çamaşırhane / Gym, Wardrobe, Laundrette	100

HASTANELER *HOSPITALS*	LUX
Gündüz / Daytime	200
Muayene Odaları / Examination Rooms	500
Personel Odaları / Personnel Rooms	100
Laboratuarlar / Laboratories	500

LED AYDINLATMA

MİNİMUM AYDINLIK DÜZEYLERİ

Minimum Illuminance Levels

HİZMET ENDÜSTRİLERİ *SERVICE INDUSTRIES*	LUX
Oteller ve Yiyecekler İşleri / Hotels and Catering Businesses	200
Resepsiyonlar / Receptions	500
Restoranlar / Restaurants	200
Büfeler / Buffets	300
Konfrans Odaları / Conference Halls	300
Self Servis Tesisleri / Self-Service Facilities	300

İÇ GEZİNME ALANLARI *INTERIOR WALKING AREAS*	LUX
Personel İçin / For Personnel	50
Personel ve Araçlar İçin / For Personnel and Vehicles	100
Merdiven, Rampalar, Hareketli Merdivenler / Ladders, Ramps, Escalators	100
Yükleme Rampaları, Otomatik Konveyörler / Loading Ramps, Automatic Conveyors	100
Trafik Alanındaki Konveyörler / Conveyors at the Traffic Site	100

MİNİMUM AYDINLIK DÜZEYLERİ

Minimum Illuminance Levels

ÇEŞİTLİ İŞ GRUPLARI *VARIOUS WORK GROUPS*	LUX
Radyo-Televizyon Tamirhaneleri / Radio-TV Repair-Shops	500
Kuaförler / Coiffeurs	500
Kozmatikçiler / Cosmeticians	750
Çilingirlik ve Tesisatçılık / Locksmith and Plumbing	300
Marangoz Atölyeleri / Carpenter Workshops	300
Makina Tamirhaneleri / Machine Repair-Shops	500

TEKSTİL ENDÜSTRİSİ *TEXTILE INDUSTRY*	LUX
İş İstasyonları, Banyolar ve Balya Açılan Yerler / Work Stations, Bathrooms, and Bale-opening Areas	200
Yıkama, Ütüleme, Dikme, Çizim, Ölçülendirme, Boyama / Washing, Ironing, Sewing, Drawing, Dimensioning, Dyeing	300
Çözgü Çekme, Giydirme, Eğirme, Sarma, Örme / Warping, Dressing, Spinning, Wrapping, Sewing	500
İnce Tarama, Tamir, Dikim, Emprime Baskı, Şapka İmali / Fine-Carding, Mending, Sewing, Printing, Hat-Making	750
Kalıntı Temizliği, Kalite Kontrolü, Renk Kontrolü / Residual Cleaning, Quality Control, Color Control	1000
Görünmeyecek fiekilde Tamir / Invisible Mending	1500

LED AYDINLATMA

YOL AYDINLATMASI İLE İLGİLİ TABLOLAR

Tables related with Road Lighting

Tablo 1 : Farklı yol tipleri için aydınlatma sınıfları
(Uluslararası Aydınlatma Komisyonu'nun 115 nolu en yeni Teknik raporuna göre yollar sınıflandırması.)

YOLUN TANIMI	AYDINLATMA SINIFI
Bölünmüş yollar, ekspres yollar, otoyollar, (otoyola giriş ve çıkışlar, bağlantı yolları, kavşaklar, ücret toplama alanları) Trafik yoğunluğu ve yolun karmaşıklık düzeyi (Not :1) ; Yüksek…… Orta…… Düşük……	M1 M2 M3
Devlet yolu ve il yolları (tek yönlü veya iki yönlü; kavşaklar ve bağlantı noktaları ile şehir geçişleri ve çevre yolları dahil) Trafik kontrolü (Not : 2) ve yol kullanıcılarının (Not : 3) tiplerine göre ayrımı (Not : 4) ; Zayıf…… İyi……	M1 M2
Şehir içi ana güzergahlar (bulvarlar ve caddeler), ring yolları, dağıtıcı yollar Trafik kontrolü (Not : 2) ve yol kullanıcılarının (Not : 3) tiplerine göre ayrımı (Not : 4) ; Zayıf…… İyi……	M1 M2
Şehir içi yollar (yerleşim alanlarına giriş çıkışın yapıldığı ana yollar ve bağlantı yolları) Trafik kontrolü (Not : 2) ve yol kullanıcılarının (Not : 3) tiplerine göre ayrımı (Not : 4) ; Zayıf…… İyi……	M4 M2

Not : 1-) Karmaşıklık yolun geometrik yapısını, trafik hareketlerini ve görsel çevreyi içerir. Göz önünde bulundurulması gereken faktörler ; şerit sayısı, yolun eğimi, trafik ışık ve işaretleri.

Not : 2-) Trafik kontrolü; yatay ve düşey işaretlemeler ve sinyalizasyon ile trafik mevzuatının varlığı anlamında kullanılmıştır. Bunların olmadığı yerlerde trafik kontrolü zayıf olarak adlandırılır.

Not : 3-) Kullanıcılar ; motorlu araçlar (kamyon, otobüs, otomobil vb.), bisiklet, yavaş araçlar ve yayalar.

Not : 4-) Ayrım, tahsisli yol (her bir trafik cinsinin kullanacağı şeridin kesin olarak ayrıldığı yerler, otobüs yolu, bisiklet yolu vb.)

YOL AYDINLATMASI İLE İLGİLİ TABLOLAR

Tables related with Road Lighting

Table 1: Lighting classes for different road types
(Road classification according to the latest Technical Report No.115 of International Lighting Commission).

ROAD DEFINITION	LIGHTING CLASS
Divided roads, express roads, highways (entries and departures to and from the highways, link roads, intersections, toll collection sites) Traffic density and road complexity level (Note 1): High:…… Medium: …… Low:……..	M1 M2 M3
Separation (Note 4) of State and city roads (one/two-way; intersections and junctions, city crossings and belt highways included) Traffic control (Note 2) and road users (Note 3) according to their types (Note 4) Weak: …… Good : ……	M1 M2
Inner city main routes (boulevards and avenues), ring roads, server roads Separation (Note 4) of Traffic control (Note 2) and road users (Note 3) according to their types (Note 4) Weak: …… Good : ……	M1 M2
Inner city roads (main roads and link roads through which the urban areas are entered/departed) Separation (Note 4) of Traffic control (Note 2) and road users (Note 3) according to their types (Note 4) Weak: …… Good : ……	M4 M2

Note 1-): Complexity consists of the geometric structure, traffic movements, and visual surrounding of the road. Number of lanes, incline of the road, traffic lights and signs are the factors to be taken into consideration.

Note 2-): Traffic control is meant to comprise the vertical and horizontal signings and signallization, as well as the presence of the traffic regulations. Traffic control is referred as weak for places where the foregoing are lacking.

Note 3-): Users consist of the motor vehicles (trucks, buses, automobiles, etc.), bicycles, slow vehicles, and pedestrians.

Note 4-): Division, reserved road (where the lanes to be used by each traffic type is strictly divided, such as bus road, bicycle road, etc.)

LED AYDINLATMA

YOL AYDINLATMASI İLE İLGİLİ TABLOLAR

Tables related with Road Lighting

Tablo 2 : Değişik aydınlatma sınıflarına uygulanacak yol aydınlatması kriterleri

Table 2: Road lighting criteria to be applied to different lighting classes

AYDINLATMA SINIFI LIGHTING CLASS	ORTALAMA PARILTI (CD/M) AVERAGE LUMINANCE (CD/M)	U_0 U_0	U_1 U_1	T_1 (%) T_1 (%)
M1	2,0	0,4	0,7	10
M2	1,5	0,4	0,7	10
M3	1,0	0,4	0,5	10
M4	0,75	0,4	-	15
M5	0,5	0,4	-	15

Burada ; U : Ortalama Düzgünlük : Yolun sağ kenarından yol genişliğinin ¼ mesafesinde bulunan bir gözlemciye göre kısmi alanların minimum parıltısının yolun ortalama parıltısına oranıdır. ($U_0 = L_{min} / L_{ort}$)

The ratio of the minimum luminance of the partial sites (according to an observer at % distance of the road width from the right side of the road) to the average luminance of the road is referred by U (Average Uniformity) herein. (Uo = Lmin / Lort)

YOLUN TANIMI *ROAD DEFINITION*	Ortalama Aydınlık Düzeyi (LUX) Average Luminance Level (LUX)
Sosyo-ekonomik ve kültürel önemi yüksek olan kalabalık yaya yolları Crowded pedestrian roads with higher socio-economical and cultural significance	20,0
Kalabalık yaya veya bisiklet yolları / Crowded pedestrian or bicycle roads	10,0
Orta kalabalık yaya veya bisiklet yolları / Medium crowded pedestrian or bicycle roads	7,5
Tenha yaya veya bisiklet yolları / Desolate pedestrian or bicycle roads	5,0
Doğal çevrenin, tarihi ve kültürel yapının korunması gereken alanlardaki tenha yaya, bisiklet yolları Desolate pedestrian or bicycle roads at sites where natural environment, historical and cultural fabric should be protected	3,0
Doğal çevrenin, tarihi ve kültürel yapının korunması gereken alanlardaki tenha yaya, bisiklet yolları Very desolate pedestrian or bicycle roads at sites where natural environment, historical and cultural fabric should be protected	1,5

YOL AYDINLATMASI İLE İLGİLİ TABLOLAR
Tables related with Road Lighting

Tablo 4 : Yol aydınlatmasında kullanılan lambaların karekteristik özellikleri
Table 4: Characteristic features of the lamps being used in road lighting

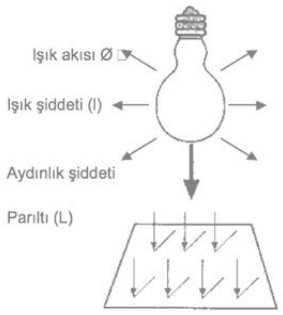
LAMBA TİPİ / LAMP TYPE		GÜCÜ (W) / POWER (W)	BALAST KAYBI (W) / BALLAST LOSS (W)	IŞIK AKISI (LM) / LIGHT FLUX (LM)	ETKİNLİK FAKTÖRÜ (LM/W) / EFFICIENCY FACTOR (LM/W)	EKONOMİK ÖMÜR (SAAT) / ECONOMIC LIFE (HOUR)
Yüksek basınçlı civa buharlı High pressure mercury steamed		50 – 400	9 – 25	50 – 400	50 – 400	50 – 400
Yüksek Basınçlı Sodyum Buharlı High Pressure Sodium Steamed	Ateşleyicisiz w/o Igniter	110 – 350	15 – 35	8.000–34.000	64-88	7.000
	Elips (Fl.kaplı) Eliptical (F1-Coated	150 – 400	20 – 40	14.000–47.000	82-107	18.000
	Şeffaf tüp Transparent Tube	100 – 400	15 – 50	10.000–55.500	87-123	20.000
Alçak basınçlı sodyum buharlı Metal halojen lamba / Low pressure sodium steamed Metal halogen lamp		26 – 131 70 - 400	32 – 43 19 - 60	3.500–25.000 5.500-45.000	57-145 62-98	13.500 6.000-9.000

Tablo 5 : Comparison of different lamp types
Table 5 : Farklı lamba tiplerinin karşılaştırılması

LAMBA TİPİ / LAMP TYPE	Y.B. CİVA BUHARLI *H. P. MERCURY STEAMED*	Y.B. SODYUM ATEŞLEYİCİSİZ *H.P. W/O SODIUM IGNITER*	METAL HALOJEN *METAL HALOGEN*	Y.B. SODYUM (ŞU. KAPLI) *H. P. SODIUM (SU. COATED)*	Y.B. SODYUM (ŞEFFAF TÜP) *H. P. SODIUM (TRANSPARENT TUBE)*	A.B. SODTUM BUHARLI *L. P. SODIUM STEAMED*
Lamba Gücü (W) Lamp Power (W)	250	210	150	150	100	131
Açıklık (m) Gap (m)	30	40	25	30	30	45
Yükseklik (m) Height (m)	10	10	10	10	10	14
L_{ort} (cd/m) L_{ort} (cd/m)	1,10	1,07	1,13	1,10	1,08	1,0
Tüketim (kwh/km) Consumption (kwh/km)	9,04	6,03	6,97	5,78	3,9	3,96

(Lamba değerleri OSRAM kataloğundan alınmıştır.)
(Lamp values are taken from OSRAM catalogue)

LED AYDINLATMA



ÇALIŞIRKEN VE DİNLENİRKEN AYDINLATMA ŞARTLARI

Lighting Conditions During Work And Rest

İNSAN DURUMU HUMAN CONDITION	ÇALIŞIRKEN DURING WORK	DİNLENİRKEN DURING REST
YER DURUMU LOCATION STATUS	İŞYERİ WORKPLACE	KONUT DWELLING
AYDINLIK ŞİDDETİ LUMINANCE INTENSITY	1000 LUX	100 LUX
GÖLGELER SHADOWS	AÇIK OPEN	KOYU DARK
DÜZGÜNLÜK FAKTÖRÜ UNIFORMITY FACTOR	½	1/10
IŞIK RENGİ COLOR OF LIGHT	BEYAZ WHITE	SICAK BEYAZ WARM WHITE

ODA AYDINLATMA VERİMİ

Room Lighting Efficiency

TAVAN CEILING	0,80				0,50				0,30	
DUVAR WALL	0,50		0,30		0,50		0,30		0,10	0,30
ZEMİN GROUND	0,30	0,10	0,30	0,10	0,30	0,10	0,30	0,10	0,30	0,10
Oda İndeksi Room Index $\frac{axb}{hx(a+b)}$	ODA VERİMİ ROOM EFFICIENCY									
0,60	0,24	0,23	0,18	0,18	0,20	0,19	0,15	0,15	0,12	0,15
0,80	0,31	0,29	0,24	0,23	0,25	0,24	0,20	0,19	0,16	0,17
1,00	0,36	0,33	0,29	0,28	0,29	0,28	0,24	0,23	0,20	0,20
1,25	0,41	0,38	0,34	0,32	0,33	0,31	0,28	0,27	0,24	0,24
1,50	0,45	0,41	0,38	0,36	0,36	0,34	0,32	0,30	0,27	0,26
2,00	0,51	0,46	0,45	0,41	0,41	0,38	0,37	0,35	0,31	0,30
2,50	0,56	0,49	0,50	0,45	0,45	0,41	0,41	0,38	0,35	0,34
3,00	0,59	0,52	0,54	0,48	0,47	0,43	0,43	0,40	0,38	0,36
4,00	0,63	0,55	0,58	0,51	0,50	0,46	0,47	0,44	0,41	0,39
5,00	0,66	0,57	0,62	0,54	0,53	0,48	0,50	0,46	0,44	0,40

ÇALIŞIRKEN VE DİNLENİRKEN AYDINLATMA ŞARTLARI

Lighting Conditions during Work and Rest

Aşağıda kullanılacak yere göre gereksinilen ampul sayısını bulmak için bir örnek tablo düzenlenmiştir. Hesaplama yapmadan önce bu tablo dikkatle incelenmelidir.

An exemplary table was given below in order to find the number of bulbs to be needed as per the location of their use. This table should be examined carefully before making calculation.

ARMATÜRÜN KULLANILDIĞI YERLER **LOCATIONS WHERE THE LUMINAIRE IS USED**		**BÜRO** **OFFICE**
GENİŞLİK / WIDTH	a (m)	8
UZUNLUK / LENGTH	b(m)	10
ALAN / AREA	A=axb(m2)	80
YÜKSEKLİK / HEIGHT	H(m)	3
ARMATÜRLE ÇALIŞMA YÜZEYİ ARASINDAKİ YÜKSEKLİK HEIGHT BETWEEN THE LUMINAIRE AND THE WORK SURFACE	h=H-0.85 (m)	2.15
ODA İNDEKSİ / ROOM INDEX	$k=\frac{axb}{hx(a+b)}$	$k=\frac{8x10}{2,15x(8+10)}$
ODA VERİMİ (n) / ROOM EFFICIENCY (n)	Tavan-Duvar-Zemin	0.80-0.50-0.10
GEREKLİ AYDINLATMA ŞİDDETİ / REQUIRED LIGHTING	E(Lux)	300
ARMATÜR TİPİ / LUMINAIRE TYPE		ARN 140
LAMBANIN IŞIK AKISI / LIGHT FLUX OF THE LAMP	Ø (Lümen)	2100
ODA AYDINLATMA VERİMİ ROOM LIGHTING EFFICIENCY		0.46
LAMBA SAYISI	$\frac{1,25xExA}{\Phi xn}$	$n=\frac{1,25x300x80}{2100x0,46}$ 31

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