ROLEDS

Product Catalogue

Smart Lighting

2023

ROLEDS

HANGZHOU ROLEDS TECHNOLOGY CO., LTD.

www.roleds.com

HQ Adr.:4F, Block 2, 99 Xiangyuan Rd., Gongshu Dist., Hangzhou, Zhejiang, 310015 China
Factory Adr.:No.3, Hengxin Str., Linping Dist., Hangzhou, Zhejiang, 330113 China
T: 86 571 8610 6001 **V**:roleds

The Product Book. 2023

2023

Smart Lighting

Smart Lighting

Care for the world with light

ROLEDS

Smart Lighting

ROLEDS looks to the whole world, based on China, with an international vision and standard, to create China's high-quality lighting. Over the years we have been committed to the research and innovation of international cutting-edge technology, participate in the development of national and industry standards, leading and setting benchmarks with innovation and quality of the industry.
We focus on the real needs of users requests continuously, starting from product application strategies, project pain points to difficulties, and provide total solutions for many large-scale, landmark projects at home and abroad.
Architectural lighting with deep technical background, for high-end hotels and residential, commercial complexes, buildings, landscapes and other spaces to provide sustainable lighting solutions and technology applications.
The “ArtyMedia” series focuses on outdoor stage lighting, relying on the cutting-edge product development technology, digital multimedia integrated control and other technologies to provide professional landscape lighting, cultural tourism town and scenic spot, interactive projection area, live performance and a series of lighting application as a total solutions.

Honor

High-tech enterprises

National specialized and sophisticated enterprises

Zhejiang boutique manufacturing

Provincial R&D Center

Provincial Internet Platform

Hangzhou Green Low-Carbon Factory

Hangzhou IOT Enterprise

The only designated supplier of outdoor lights for the China Pavilion at the Milan World Expo 2015

Service Guarantee G20 Summit Advanced Collective

The supplier of high-quality lighting products for the Shanghai cooperation Qingdao Summit

Golden Pin Design Award

Contemporary Good Design Award

Good Design Award (G-Mark)

The International Design Awards (C-IDEA)

A' Design Award

Most Successful Design Award

Certification

CNAS laboratory

SGS laboratory

Certificate

ABOUT US

> THE HEAD QUARTERS OF ROLEDS

Hangzhou Roleds Technology Co., Ltd. founded in 2004 with its core on urban intelligent lighting is global intelligent IOT solution provider. Over the years, we have great recognition and reputation at home and broad through the innovative technology, first-class smart products and high-quality services. Roleds products have served hundreds of customers around the world.

ROLEDS stands for the intelligent city SAAS ecological platform, based on the needs of smart poles, smart urban lights, smart multimedia, smart public lights, etc., to create "Integrated full-scenario urban intelligent lighting service platform". 8 branches and 19 technical service centers are established in domestic market to provide efficient professional technical service and an international technical service network covering Asia, Europe, the Middle East, North America, Australia etc.

Roleds has been adhering to the corporate values of "client first, sincerity and trustworthiness, innovation and efficiency, unity and forge ahead", With the mission of "Care for the world with light", we are committed to becoming the world's leading lighting technology company.

> THE HEAD QUARTERS OF ROLEDS

As a national high-tech enterprise, the Quality Center of Roleds obtained the CNAS laboratory certificate. ROLEDS won the national specialization "Little Giant Enterprise" title , Hangzhou unicorn enterprises, science, technology enterprises in Zhejiang province, credit management demonstration enterprise, provincial high and new technology enterprise research and development center, Zhejiang manufacturing certification, patent demonstration enterprise manufacturing, Zhejiang, Hangzhou, Hangzhou gongshu district government quality award, outstanding contribution enterprises, industry track leading enterprises and other prize.

> FUTURE URBAN SHOWROOM

Roleds urban intelligent lighting solution successfully applied in Hangzhou G20 Summit, Qingdao SCO Summit, Beijing APEC, Beijing City Sub-center, Beijing Zhongguancun, Milan World Expo, Shanghai Import Expo, Global Internet Conference, Wuhan Military Games, Chengdu world police&fire games, Foshan city cultural tourism night view enhancement, Chongqing two rivers and four banks, Portland City Hall in the United States, Rome Central Railway Station in Italy, IERA ODOS BRIDGE in Athens, Greece, Stockholm Park in Sweden etc, In 2022, successfully participated in the Beijing Winter Olympic Games and the Hangzhou Asian Games.

Roleds was founded in Hangzhou

2004

20+ software copyrights

20+

20+ invention patents

180+ other patents

180+

COMPANY Profile

Scientific research innovation

Roleds has adhered to the concept of independent innovation over the years, we participated in several national project research and standard-setting. Highly specialized in outdoor-rated lighting solution especially in optical system, color-mixing research, smart control, cloud computing, Internet of Things (IoT) with emerging technologies. As well as 2 strength center, R&D center and smart city research center, offer effective supports in industry-leading digital smart manufacturing production bases. Won many scientific, technological innovation awards and emerging patents worldwide.

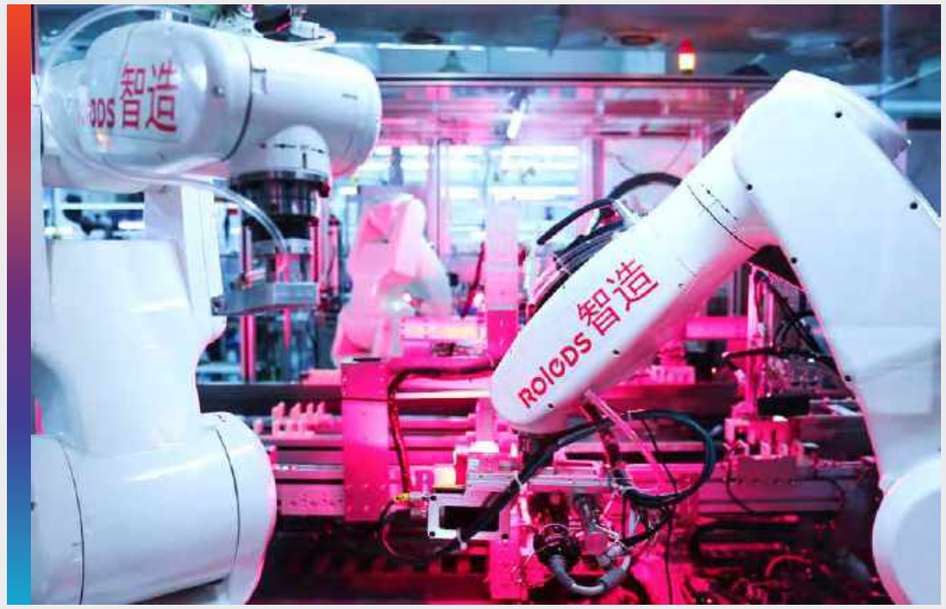
▸ Intellectual Property

1. 30+ Invention patents; 100+ Utility model; 20+ Software copyrights; 100+ design and other patents.
2. Range of intellectual property rights: Product design, luminaire structure, color-mixing algorithms, intelligent controller and system, automation equipment, software technology, embedded IoT gateway, Intelligent power equipment and system, SAAS platform, etc.

▸ National and Industry standard

1.Drafting of the “Light Environment Assessment Methods”, National unit. -- GB/T12454-2017.
2.Drafting of the “Outdoor Workplace Lighting Equipment Design Standard”, National unit -- GB 50582-2010
3.Drafting of the “Application Technical Requirements of Night Scene LED Lighting”, National unit -- GB/T 39237-2022
4.Drafting of the “Urban LED Street Lighting Technical Requirements”, National unit – GB/T31832
5.Drafting unit of the Industry standard, “Intelligent Internet Commutation Protocol”, “Smart Pole Technical Standard”, “LED outdoor luminaire Technical Stannard”, etc.

ROLEDS



FACTORY FUTURE

ROLEDS Intelligent Manufacturing Center
ROLEDS is a digital technology manufacturing enterprise integrating scientific research, indurstrial design, manufacturing and technical service, focusing on LED lighting, intelligent control, cloud computing, IoT research, providing smart landscape lighting, smart stage lighting, smart public lighting, smart pole as well as a "Integrated full-scenario urban intelligent lighting service platform".

SMART

ROLEDS smart manufacturing Center

Digital technology manufacturing system to create the future of fully-automatic digital factory, according to the customer's requirements of parameters, size and color customization needs, by using of professional data analysis and advanced equipment to provide exclusive customized solutions.

INFORMATIONNIZATION AND DIGITIZATION

Informationnization and digitization

The digital cockpit of the smart manufacturing center will deepen the digital technology into all aspects of production, operation, management and marketing, and realize the digital, networked and smart development of enterprises and industries, and continue to develop.

SPECIALIZATION

CNAS laboratory

CNAS and SGS certified laboratory provides full-process testing and quality control services.

DIGITAL SMART MANUFACTURING

HIGH-TECH ENTERPRISE TECHNOLOGY RESEARCH CENTER

ROLEDS, over 18 years in the industry, has always adhered to the concept of independent innovation and R&D technology as the core of the company's development. The products have won nearly 300 high-tech patents and several product innovation awards. Roleds boasts and leading the LED lighting industry digital intelligent manufacturing bases on CNAS laboratory (China National Accreditation Service), optical system, color-mixing research, smart control, cloud computing, Internet of Things (IoT) with emerging technologies.

- Original industrial design
- Luminnaire Structure Design
- Optical Design
- Lighting Design
- Software & Control System Solutions
- Integrating Sphere
- Heat & Humidity Chamber
- Aging Test
- UV test
- Raw Material Inspection
- Process Inspection
- Automatic Optic Inspection(AOI)
- Finished Products Storage Inspection
- Goniophotometer
- Salt Spray Test
- Safety Test
- IP Test

Approval from CNAS

ROLEDS

SOUNDPROOF ROOM

EMI Test Room

CNAS Laboratory

Integrating Sphere Spectroradiometer

Heat & Humidity Test Chamber

Needle-flame Test Devices

Aging Test Devices

Draughproof Enclosure

Horizontal Goniophotometer

IP Test Devices

Smart city
overall solution

Introduction of smart light pole

Campus security warning
Intelligent perception
Model constructing
Machine learning inversion
System prediction
Decision-making solutions

03

01

Smart storage: automatic material preparation
Smart workshop: automatic production, assembly, packaging
Smart quality control: compatible with other systems, compatible with ERP MES system, traceable management, traceable production links, traceable quality control links and other links

06

Smart community
Intelligent experience, humanized feeling
Energy-saving, green energy, and smart
Automation, standardization, and internationalization

Community environmental monitoring
Environmental monitoring: PM2.5/CO/CO2SOS/noise
Meteorological monitoring: temperature, humidity, wind speed, wind direction, UV intensity

02

Smart shopping center
Shopping guide
Parking management
Customer flow statistics
Visualized shopping center

04

Visualized warehousing and logistics
Multi-form commodity management
Full-process digital management
Task management
Configured job processes
Visual monitoring & early warning

05

Smart city

Operation and maintenance platform

Cloud platform is a professional customized full-life cycle management platform for city-level large-scale landscape lighting projects. It adopts the new generation of Internet of Things communication technology for multi-dimensional management, to realize project status visualization, refined lighting management, intelligent operation and maintenance, and strict authorization of system management.The open platform supports access to multi-field applications and multiple forms of interaction, such as laser performance, security monitoring, fountain system, sound system, etc. At the same time, the platformhas multiple forms of presentation, such as large screen, APP, VR, and mini program, to meet the use needs of different scenarios. The platform provides open API interface to fully prepare for accessing the city brain to help the construction of smart city. We also launched mobile applications to provide mobile city brain to help the constructionof smart city.

SMART LIGHT POLE CLOUD PLATFORM

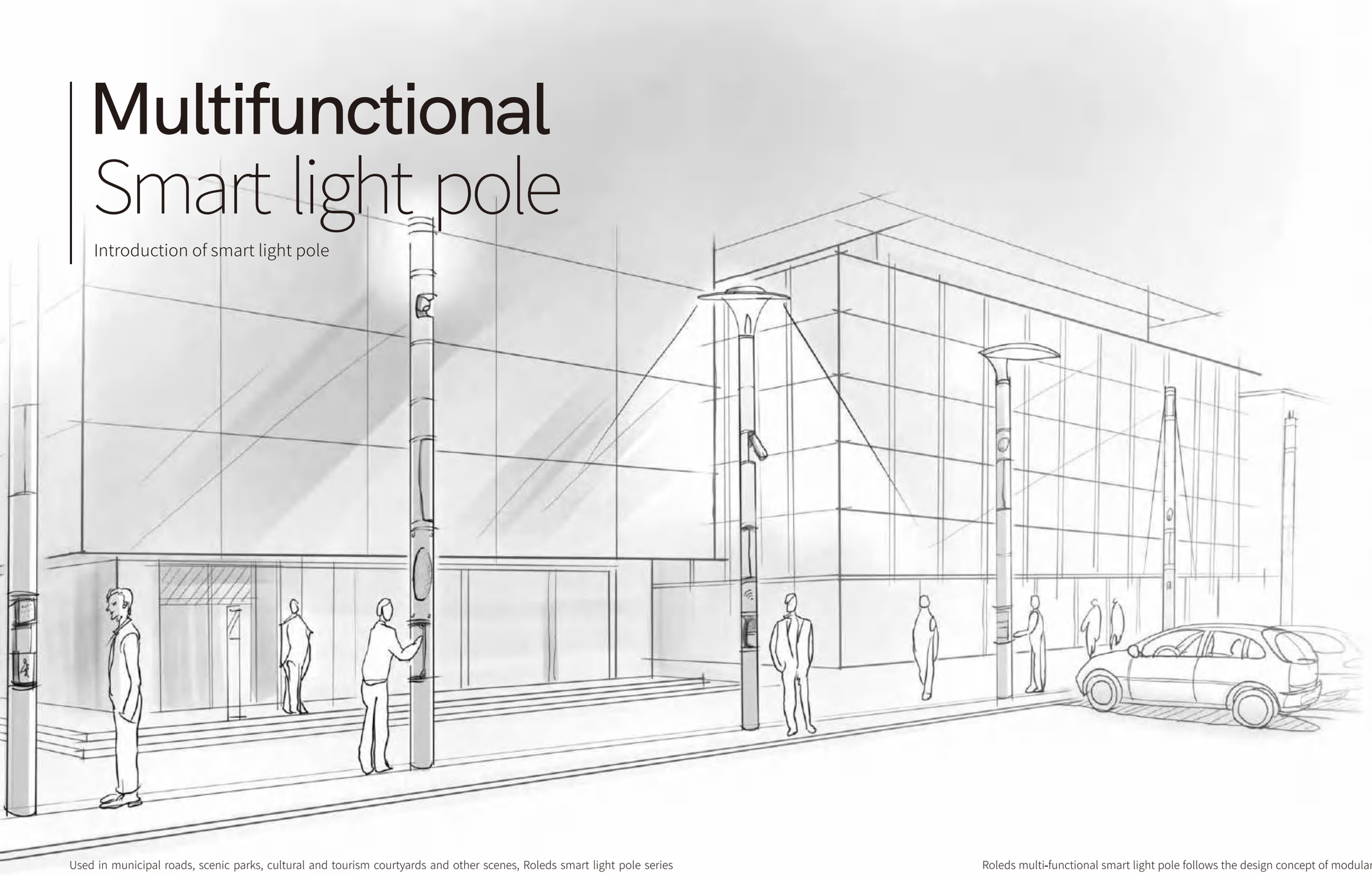
SMART PUBLIC LIGHTING CLOUD PLATFORM

SMART LANDSCAPE LIGHTING CLOUD PLATFORM

ROLEDS DIGITAL FUTURE FACTORY

Multifunctional
Smart light pole

Introduction of smart light pole



Used in municipal roads, scenic parks, cultural and tourism courtyards and other scenes, Roleds smart light pole series takes "pole" as the main body and flexibly assembles various equipments. Relying on the smart cloud platform, the smart light pole series realizes the functions of real-time monitoring, remote control and timely response through the big data of the Internet of Things. It also realizes the integration of safe cities, beautiful countryside, smart transportation, smart (landscape) parks, smart forests, water and other landscapes.Through smart management and operation, it can reduce the operation and maintenance costs, improve the overall efficiency of urban management, implement the concept of green energy saving and environmental protection, and promote the sustainable development of smart city.

Roleds multi-functional smart light pole follows the design concept of modular and free combination of MatriX series, and develops an innovative T-slot pole to meet the appearance requirements of different application scenarios.As a terminal carrier, T-slot poles with rotatable locking hooks can facilitate the installation and replacement of equipment, which is convenient for the later operation and maintenance of the project. Secondly, through the flexible collocation of components such as main pole, auxiliary pole, light cap and connector, multiple functions are collected into one pole to save the cost of urban construction. The multi-functional smart light pole integrates 5G micro base station, WiFi signal, camera, cell phone charging device, one key call button, LED display and other devices, which can provide road lighting, mobile communication, urban monitoring, traffic management information release and other functions.

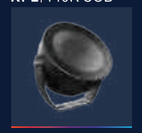
Product Catalog

GOLF

RFL | 90R

RFL | 90R COB

RFL | 140R

RFL | 140R COB


RFL | 190R

RFL | 220R

RFL | 260R

RFL | 350R

RWW | 24

RWW | 33

RWW | 38

RWW | 38H

RWW | 65

RLL | 17S

RLL | 22S

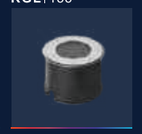
RLL | 24P

RLL | 30S

RCL | 30

RCL | 30P

RGL | 65

RGL | 155


RGL | 195

RGL | 265

RGL | 325

RGL | 155WW

RGL | 195WW

RGL | 265WW

RGL | 195T

RGL | 265T

RGLL | 50

RBL | 30

RBL | 50

RBL | 100

RBL | 200

RBL | 300

ROG | 195

ROG | 265

ROG | 325

RDO | 35

RDO | 37H

RDO | 45

RDO | 45H

RDO | 4530

RDO | 5540

RDO | 5623

RDO | 90

RDO | 120

RDO | 150

MatriX

RFL | 40S

RFL | 40P

RFL | 55P

RFL | 95C

RFL | 120S

RFL | 140S

RFL | 140P

RFL | 180P/7in1

RFL | 210

RFL | 260P

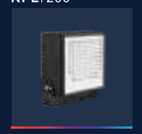
RFL | 132

RFL | 162

RFL | 212

RFL | 155

RFL | 165

RFL | 200


RFL | 220S

RFL | 260

RWW | 22C

RWW | 30

RWW | 42

RWW | 56

RWW | 66

RWW | 90

RWW | 100

RLL | 15A

RLL | 22C

RLL | 25

RCL | 22C

RCL | 22P

RGLL | 70S

RWP | 80

RWP | 140

RDL | 65

RWL | 100S

RWL | 320

RWL | 410

RSL | 75

RSL | 50S

RSL | 55

ARTYMEDIA

RATY | 2201

RATY | 2202

RAYH | 2201

RAYH | 2201X

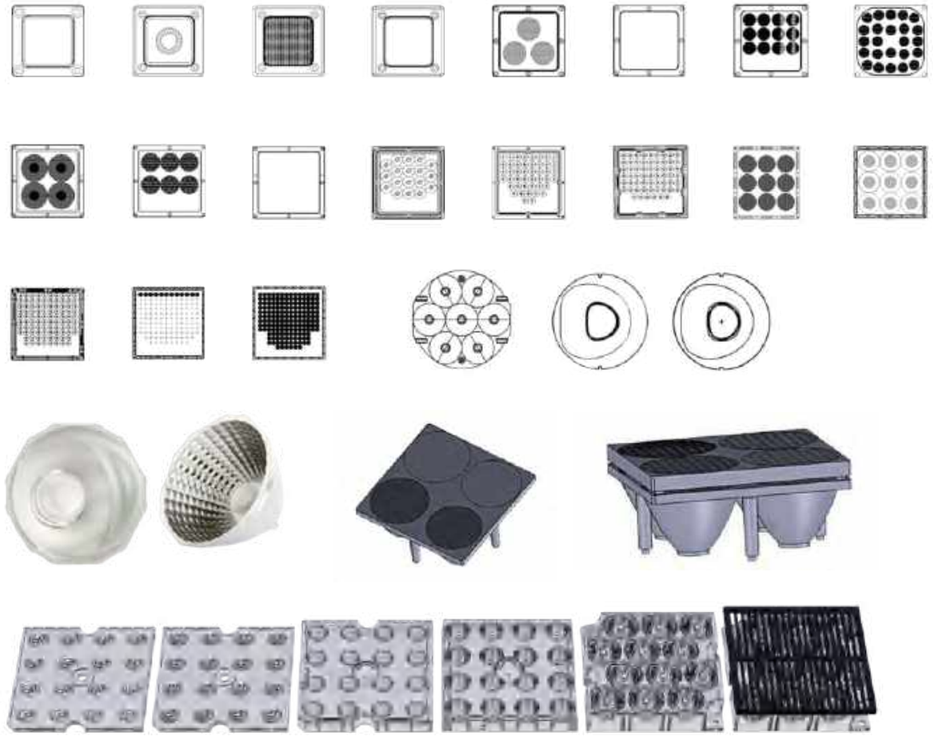
RARS | 2201

RARS | 2202

RARS | 2203

Optical technology

Optical Platform

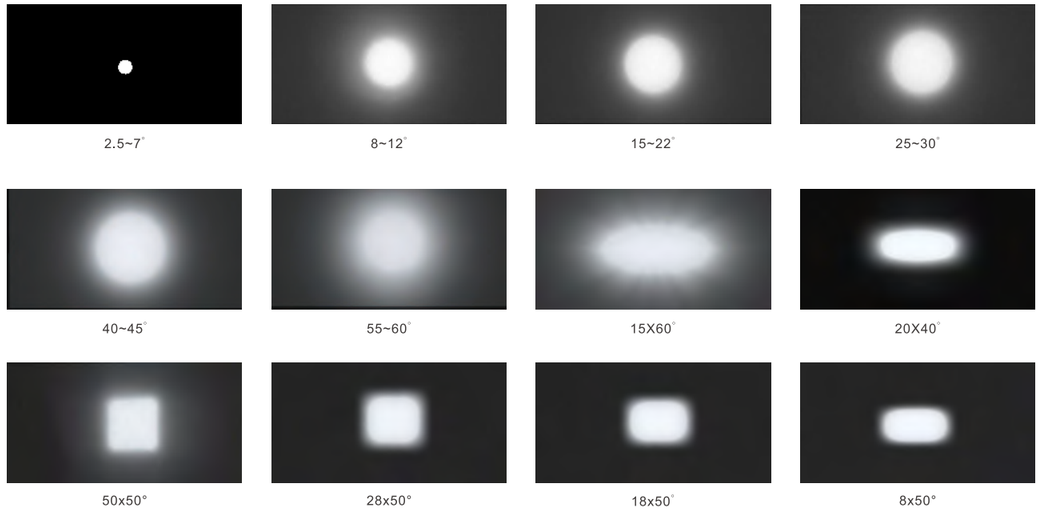


ROLEDS Optical platform including “Integration Optical lens”, “TIR optic”, “TIR with reflector” and “Modularization lens” which can provide variety application of lighting solution for LED luminaire design in architecture lighting, commercial complexes, landscapes and public area.

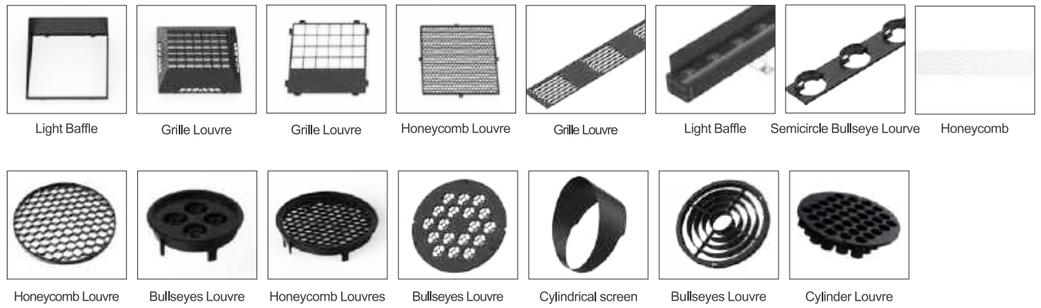
The integration optical lens is a significant improvement technology creating by ROLEDS for LED luminaires with more efficiency light out-put, better than traditional single lens and glass approach, at very beginning. To create the limited size of the LED luminaire, the diameter of each lens can be maximized within the integration optical lens is first priority. This results in more flexible in beam angle control, a higher light utilization rate and better light convergence for the purpose of improving light efficiency. In addition, the ROLEDS integration optical lens is made of optical grade PC material (90% transmission rate at 3mm thickness) which reduces the overall light transmission rate of the lens by about 8% compared to the traditional single PMMA material (93% transmission rate at 3mm thickness) but higher than other LED luminaire with tempered glass (~90% transmission rate at 5mm thickness).

Our 50mm x 50mm square modularization lens provide a good extensibility and applicability to achieve the light performance and uniformity in different lighting requirement through from 4 in 1 to 16 in 1 optical form. Furthermore, besides the symmetry and asymmetric angle, we create rectangle light spot for more creativity and unlimited imagination idea of lighting design. It can be designed in all ROLEDS LED lighting luminaire series.

Light Spot Effect



Anti-glare Accessories



Customized Service

Based on customers' specific requirements of optics, structure, electronic application scenarios and any others, ROLEDS provides customize services as best lighting solution.

COLOR MIXING Technology

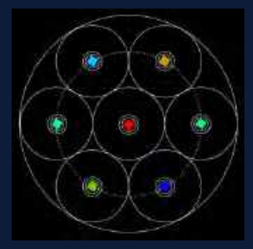
With a growing and highly requirement of LED lighting color, ROLEDS realized how important of the mixing color appears for the lighting designer in the night scenario. We specialized in color mixing technology through the innovation of color-mixing algorithm, LED color with specific nm selected, lay-out array experience, and optic emerging technologies to create “ROLEDS Digital Photochromic System” in 2017.

Color Field Contrast Chart

ROLEDS Digital Photochromic System, LED 5in1 & 7in1 Color Mixing Cutting-edge Technology.

Colorful lighting 1.0 5in1

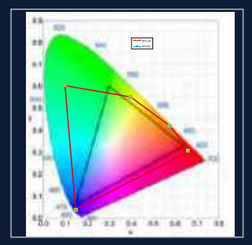
VS



Colorful lighting 2.0 7in1

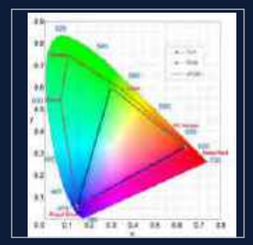
Color Mixing Comparison

The original RGB or RGBW color mixing technology of LED lighting is around 50% color mixing area in CIE 1931 chart (about 16.5 million color). ROLEDS Digital Photochromic System 1.0 goes to 65% (about 1.1 trillion color) and 2.0 achieve more than 73% color mixing area (about 281.5 trillion color).



Digital Photochromic System 1.0

VS

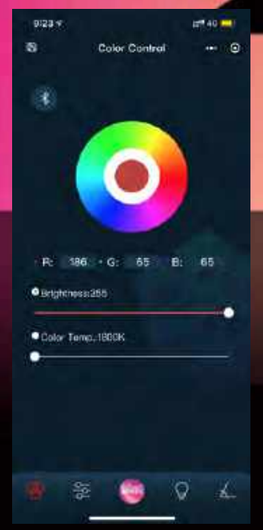


Digital Photochromic System 2.0

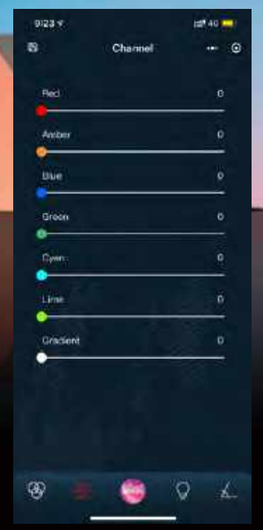
ROLEDS

Intelligent Control

Self-developing WeChat applet provide freely and conveniently as chosen the color or white light as color effect present.



Freely select through the color plate, brightness and 1800K-6500K white light color temperature adjustment.



The six color single channelconfigura-tion can realize the free mixing ratio of color, meet the creative imagination of lighting designers, and create the exclusive color either.

More than 30 exclusive colors settled for quickly select and demonstrate the special color mixing with more comfortable and natural effects.

SMART
Landscape
GOLF

SMART
Landscape

GOLF

GOLF is a new series of products of ROLEDS the integration of science, intelligent technology, optics and color innovation, which focus and dedication to outdoor lighting, to display the strength and beauty of the city. Basis on nearly 20 years of independent R&D advantage, continues ROLEDS's ultimate pursuit of light quality, and empower by digital intelligent manufacturing production technology comprehensively improve the light quality and stability of products to meet the needs of global development to light up the city and create a comfortable, healthy and fashionable quality life.

CE

PRODUCT CHARACTERISTICS

Extreme Lighting Solution

Focus on and self-developed optic technology by combining materials, optics and application research to create the extreme and comfortable lighting solution products.

High gray scale chip with gamma compensation function to support 4K refresh rate, flickering-free in low-scale adjustment and smooth dimming effect.

ROLEDS Digital Photochromic System provides wider color mixing, vivid and exclusive colors.

High intensity and comfortable light with various anti-glare accessories.

Quality Stability

DMX512 decoding function and RDM protocol sets the protection value of temperature and power consumption.

High-density aluminum material and high thermal conductivity powder material coating helps great thermal conductivity and dissipation of luminaire.

Automatic intelligent manufacturing, digital management system, CNAS and SGS certified quality control laboratory.

Diversified Specifications

Full range of power consumption, 12VDC to 48VDC or high voltage input series.

Full configuration, diversity of styles to satisfied various lighting design.

Integration of Architecture

Patented industrial design, full range of product models provides consistency lighting design to integrate the architectural beauty and unique charm of the city.

SMART
Landscape

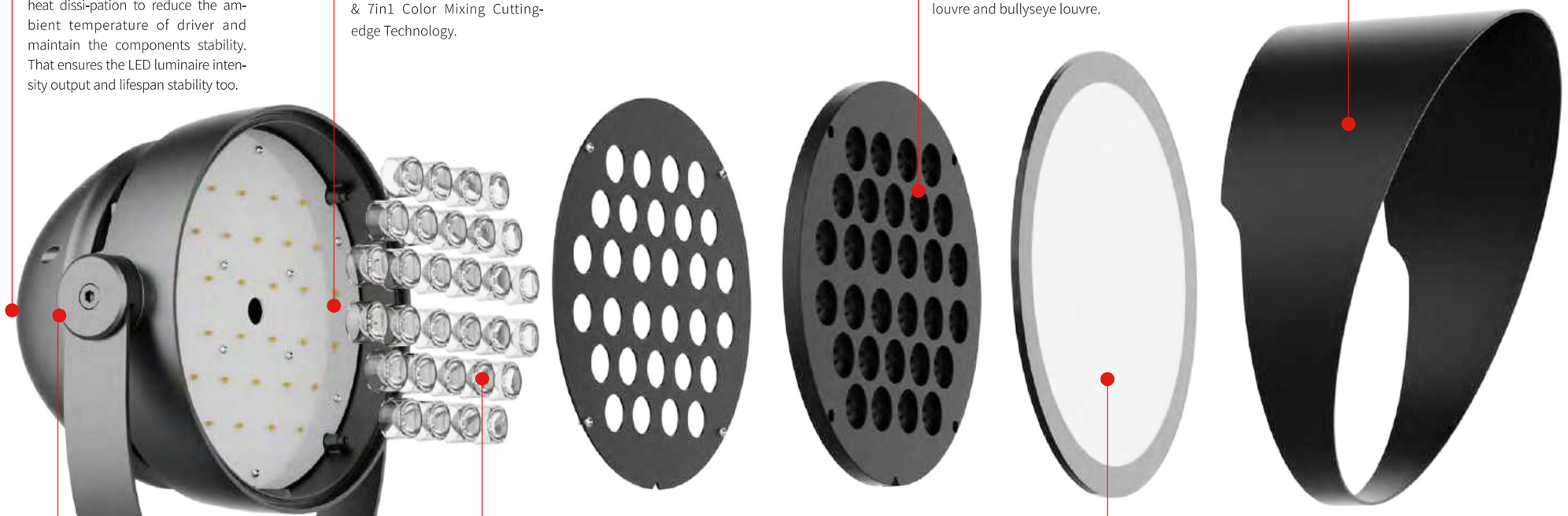
GOLF

The seperate design of the luminaire body and dirver cavity provides great heat dissi-pation to reduce the ambient temperature of driver and maintain the components stability. That ensures the LED luminaire intensity output and lifespan stability too.

Equipped with "ROLEDS Digital PhotochromicSystem", LED 5in1 & 7in1 Color Mixing Cutting-edge Technology.

Variety Anti-glare Accessories Inserted. Including honeycomb louvre and bullyseye louvre.

Extra anti-glare available, cylindrical screen.



Power consumption
9W - 180W.

4°- 60°,15×45°, 15×60°

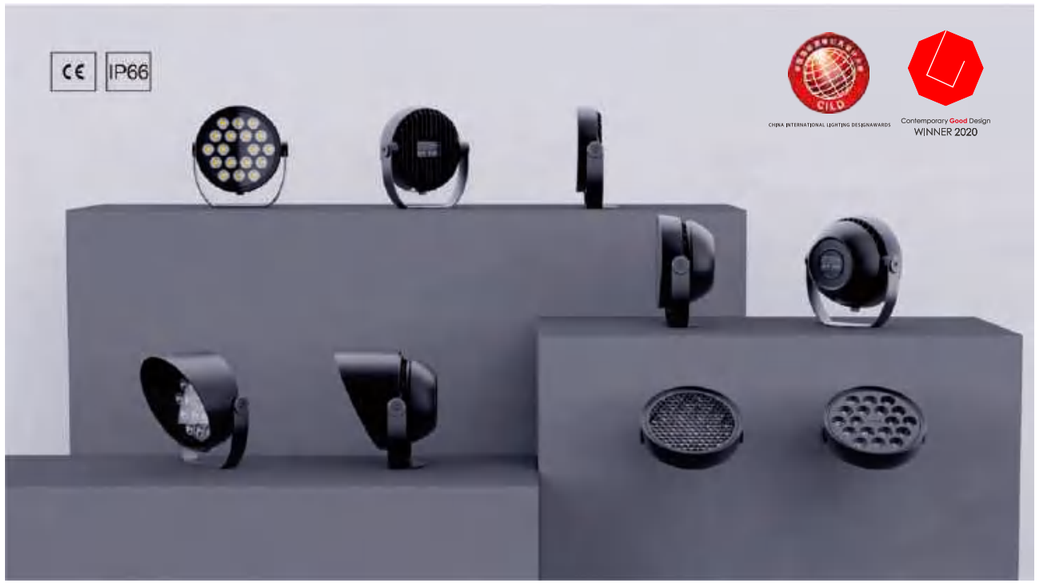
0-360° rotatable rackets, precisely adjustable dial, safety self-locking structure design.

Optical grade material, higher transmittance of LED intensity.

Ultra-Clear Glass, higher transmittance of luminaire intensity.

LED
Flood Light

GOLF



LED FLOOD LIGHT

040	RFL90R
042	RFL90R COB
044	RFL140R
046	RFL140R COB
048	RFL190R
052	RFL220R
054	RFL260R
056	RFL350R

RFL|90R

RFL|90R COB

RFL|140R

Specifications			
Power Consumption (W)	9-12	10	18-24
Input Voltage	DC24V	DC48V	DC24V/AC220V
Beam Angle	8°/15°/30°/45°/60°/15*60°/15*45°	15°/22°/36°	8°/15°/30°/45°/60°/15*60°/15*45°
CCT(K)	2700-6500	2700-6500	2700-6500
7in1 Colour			
RGB/RGBW	●		●
Cylindrical Screen	●	●	●
Universal rotate bracket	●	●	●
DMX512	●	●	●
DALI			

RFL|260R

RFL|350R

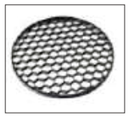
Specifications		
Power Consumption (W)	60-120	90-180
Input Voltage	AC220V/AC100-240V	AC220V/AC100-240V
Beam Angle	8°/15°/30°/45°/60°/15x60°/20x40°	8°/15°/30°/45°/60°/15x60°/20x40°
CCT(K)	2700-6000	2700-6000
7in1 Colour	●	●
RGB/RGBW	●	●
Cylindrical Screen	●	●
Universal rotate bracket	●	●
DMX512	●	●
DALI	●	

RFL|140R COB

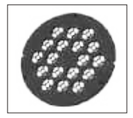
RFL|190R

RFL|220R

Specifications			
Power Consumption (W)	20	24-48	48-72
Input Voltage	DC48V	DC24V/AC220V/AC100-240V	AC220V/AC100-240V
Beam Angle	15°/22°/36°	8°/15°/30°/45°/60°/15x60°/20x40°	8°/15°/30°/45°/60°/15x60°/20x40°
CCT(K)	2700-6500	2700-6000	2700-6000
7in1 Colour		●	●
RGB/RGBW		●	●
Cylindrical Screen	●	●	●
Universal rotate bracket	●	●	●
DMX512	●	●	●
DALI	●	●	●



Honeycomb Louvre



Bullseyes Louvre

Cylindrical screen

Cylinder Louvre

RFL-90R

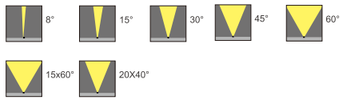
DMX 512 | -40～+50°C | 2700-6000K

IP66 | DC 24V

Round surface architectural floodlight range. Six types of round artistic precision with wide range of beam distributions and multiple anti-glare component options.Integrated design, elegant profile and smooth out-shape being more accommodated to the modern city.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



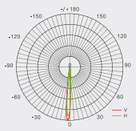
| INTRODUCTION |

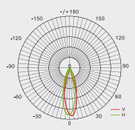
Round surface architectural floodlight range. Six types of round artistic precision with wide range of beam distributions and multiple anti-glare component options.Integrated design, elegant profile and smooth out-shape being more accommodated to the modern city.

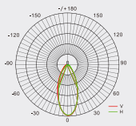
CHARACTERISTICS

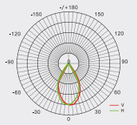
- Selected high-efficiency LED and ultra-white glass
- With 94% light transmittance are combined to achieve long-distance accurate projection
- Black light technology. Deep-hidden anti-glare design is developed to achieve dual anti-glare purpose
- 0~360°rotatable rackets, precisely adjustable dial, safety self-locking structure design
- High efficient optics provide efficient, glare free light and even light distribution
- Die-casting housing with tempered glass cover

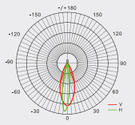
| PHOTOMETRY |

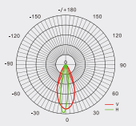










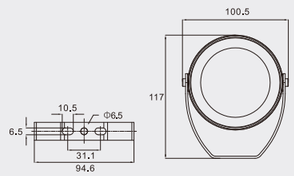


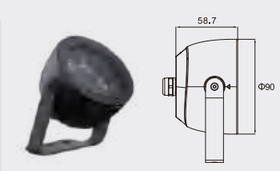
| SPECIFICATION |

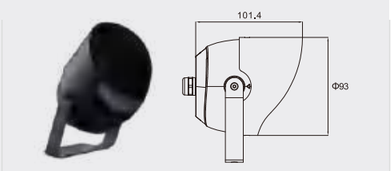
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL90R	5	9	8°/15°/30°/45° 60°/15×60°/20×40°	2700-6500K	612-666	68-74
			15°/30°/45°/15x60°	RGB3in1	266-270	29-30
			15°/30°/45°/15x60°	RGBW4in1	342-378	38-42
		12	8°/15°/30°/45° 60°/15×60°/20×40°	2700-6500K	720-768	60-64
			15°/30°/45°/15×60°	RGB3in1	330-336	27-28
			15°/30°/45°/15×60°	RGBW4in1	360-408	30-34

| PRODUCT SIZE |

RFL90R DC24V Size：100.5x90x94mm(L*W*H) Net Weight:0.6kg







RFL-90R COB

DALI DMX 512 -40～+45°C 2700-6500K

IP66 DC 48V CEC

Round surface architectural floodlight range. Six types of roundartistic precision with wide range of beam distributions andmultiple anti-glare component options.Integrated design,elegant profile and smooth out-shape being more accommo-dated to the modern city.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

15° 22° 36°

Y9 Y2

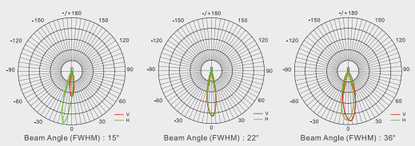
INTRODUCTION

Round surface architectural floodlight range. Six types of roundartistic precision with wide range of beam distributions andmultiple anti-glare component options.Integrated design,elegant profile and smooth out-shape being more accommo-dated to the modern city.

CHARACTERISTICS

- Two Anti-glare Designs; Excellent Anti-glare Effect
- Single/dual Color COB with a better output light uniformity
- Exquisite and small appearance, showing the design of novel

PHOTOMETRY



SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL90R COB	1	10	15/22/36	2700-6500K	690-810	69-81
				Bi-Colour	670-710	67-71

PRODUCT SIZE

RFL90R COB DC24V Size:102x90x94mm**(L*W*H) Net Weight:**0.56kg

RFL-140R

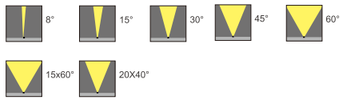
DMX 512 | -40～+50°C | 2700-6000K

IP66 | AC 220V

Round surface architectural floodlight range. Six types of round artistic precision with wide range of beam distributions and multiple anti-glare component options.Integrated design, elegant profile and smooth out-shape being more accommodated to the modern city.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



INTRODUCTION

Round surface architectural floodlight range. Six types of round artistic precision with wide range of beam distributions and multiple anti-glare component options.Integrated design, elegant profile and smooth out-shape being more accommodated to the modern city.

CHARACTERISTICS

- Selected high-efficiency LED and ultra-white glass
- With 94% light transmittance are combined to achieve long-distance accurate projection
- The design of seperate structure of the optical cavity and driver with good heat dissipation reduce the ambient te -perature of driver and maintain the product components stability , thus it ensures product longer lifespan
- Black light technology. Deep-hidden anti-glare design is developed to achieve dual anti-glare purpose
- 0~360°rotatable rackets, precisely adjustable dial, safety self-locking structure design
- High efficient optics provide efficient, glare free light and even light distribution
- Die-casting housing with tempered glass cover

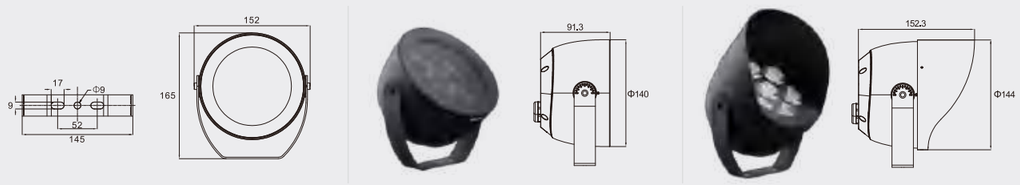
PHOTOMETRY

SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL140R	12	18	8°/15°/30°/45° 60°/15×60°/20×40°	2700-6500K	1166-1296	65-72
			8°/15°/30°/45°/60°/15×60°	RGB	414-486	23-27
			15°/30°/45°/15×60°	RGB3in1	313-414	17-23
			15°/30°/45°/15×60°	RGB4in1	486-594	27-33
		24	8°/15°/30°/45° 60°/15×60°/20×40°	2700-6500K	1508-1680	63-70
			8°/15°/30°/45°/60°/15×60°	RGB	552-648	23-27
			15°/30°/45°/15×60°	RGB3in1	370-528	15-22
			15°/30°/45°/15×60°	RGB4in1	600-744	25-31

PRODUCT SIZE

RFL140R DC24V Size：152x140x128.3mm(L*W*H) Net Weight:1.6kg



RFL-140R COB

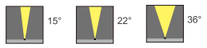
DALI DMX 512 -40～+45°C 2700-6500K BICOLOR

IP66 DC 48V CQC

Round surface architectural floodlight range. Six types of roundartistic precision with wide range of beam distributions andmultiple anti-glare component options.Integrated design,elegant profile and smooth out-shape being more accommo-dated to the modern city.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



INTRODUCTION

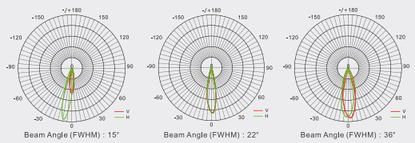
Round surface architectural floodlight range. Six types of roundartistic precision with wide range of beam distributions andmultiple anti-glare component options.Integrated design,elegant profile and smooth out-shape being more accommo-dated to the modern city.

GOLF

CHARACTERISTICS

- Two Anti-glare Designs; Excellent Anti-glare Effect
- Single/dual Color COB with a better output light uniformity
- Exquisite and small appearance, showing the design of novel

PHOTOMETRY



SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL140R COB	1	20	15/22/36	2700-6500K	1510-1730	75.5-86.5
				Bi-Colour	1290-1380	64.5-69

※ The product adds DALI control.Efficient, energy-saving, flexible and intelligent control.

PRODUCT SIZE

RFL140R COB **Size**:157x140x128mm**(L*W*H)** **Net Weight:**1.6kg

RFL-190R

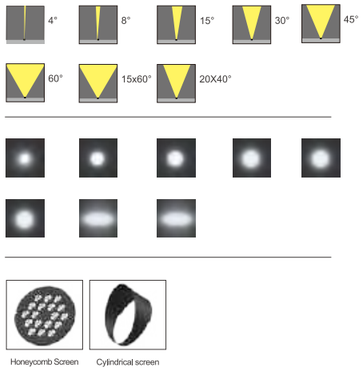
DMX 512 | -40～+50°C | 2700-6000K

IP66 | AC 100-240V | DC 24V | CE

Full range of high-power floodlight in round surface architectural with wide range of beam distributions and selectable of color temperatures, white color mixes, full color mixes and ROLEDS Digital Photochromic system.Separated design of light source and driving section provides a greatest heat transmission.Super narrow beam angle provides long distance, as projector light, solution with high central intensity (K-value)

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



Honeycomb Screen | Cylindrical screen

INTRODUCTION

Full range of high-power floodlight in round surface architectural with wide range of beam distributions and selectable of color temperatures, white color mixes, full color mixes and ROLEDS Digital Photochromic system.Separated design of light source and driving section provides a greatest heat transmission.Super narrow beam angle provides long distance, as projector light, solution with high central intensity (K-value)

CHARACTERISTICS

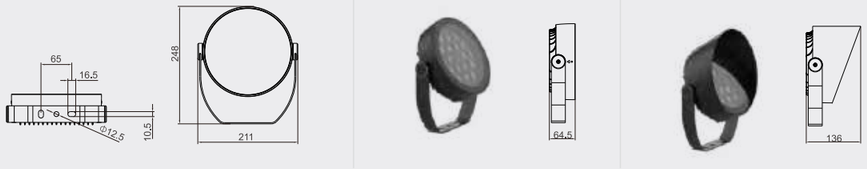
- Selected high-efficiency LED and ultra-white glass
- With 94% light transmittance are combined to achieve long-distance accurate projection
- The design of seperate structure of the optical cavity and driver with good heat dissipation reduce the ambient te -perature of driver and maintain the product components stability , thus it ensures product longer lifespan
- Black light technology. Deep-hidden anti-glare design is developed to achieve dual anti-glare purpose
- 0~360°rotatable rackets, precisely adjustable dial, safety self-locking structure design
- High efficient optics provide efficient, glare free light and even light distribution
- Die-casting housing with tempered glass cover

PHOTOMETRY

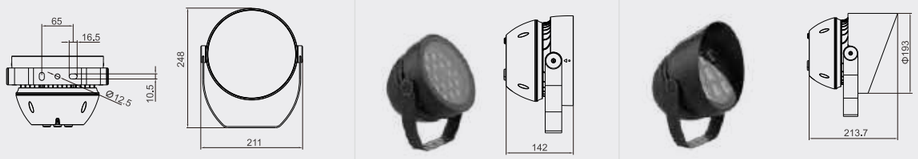
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL190R	18	36	8°/15°/30°/45°/60° 15x60°/20x40°	2700-6000K	2844-2952	79-82
				RGBW	972-1080	27-30
				RGB	864-972	24-27
			15°/30°/45° 15x60°/20x40°	RGBW4 in 1	1404-1512	39-42
				RGB3 in 1	1152-1260	32-35
	18	48	8°/15°/30°/45°/60° 15x60°/20x40°	2700-6000K	3633-3777	75-78
				RGBW	1104-1248	23-26
				RGB	969-1113	20-23
			15°/30°/45° 15x60°/20x40°	RGBW4 in 1	1536-1680	32-35
				RGB3 in 1	1200-1344	25-28
	9	24	4°	2700-6000K	1368-1440	57-60
				RGBW	648-720	27-30

| PRODUCT SIZE |

RFL190R DC24V Size：211x64.5x248mm(L*W*H) Net Weight:2.25kg



RFL190R AC 100-240V Size：211x142x248mm(L*W*H) Net Weight：3.9kg



RFL-220R

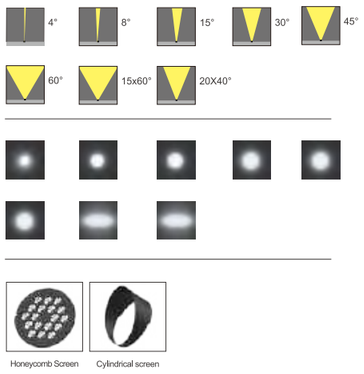
DMX 512 | -40～+50°C | 2700-6000K

IP66 | AC 100-240V | CE

Full range of high-power floodlight in round surface architectural with wide range of beam distributions and selectable of color temperatures, white color mixes, full color mixes and ROLEDS Digital Photochromic system.Separated design of light source and driving section provides a greatest heat transmission.Super narrow beam angle provides long distance, as projector light, solution with high central intensity (K-value)

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



INTRODUCTION

Full range of high-power floodlight in round surface architectural with wide range of beam distributions and selectable of color temperatures, white color mixes, full color mixes and ROLEDS Digital Photochromic system.Separated design of light source and driving section provides a greatest heat transmission.Super narrow beam angle provides long distance, as projector light, solution with high central intensity (K-value)

CHARACTERISTICS

- Selected high-efficiency LED and ultra-white glass
- With 94% light transmittance are combined to achieve long-distance accurate projection
- The design of seperate structure of the optical cavity and driver with good heat dissipation reduce the ambient te -perature of driver and maintain the product components stability , thus it ensures product longer lifespan
- Black light technology. Deep-hidden anti-glare design is developed to achieve dual anti-glare purpose
- 0~360°rotatable rackets, precisely adjustable dial, safety self-locking structure design
- High efficient optics provide efficient, glare free light and even light distribution
- Die-casting housing with tempered glass cover

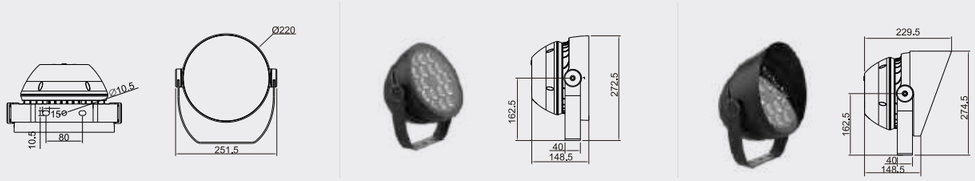
PHOTOMETRY

SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL220R	30	60	8°/15°/30°/45°/60° 15x60°/20x40°	2700-6000K	4740-4920	79-82
				RGBW	1620-1800	27-30
				RGB	1440-1620	24-27
			15°/30°/45° 15x60°/20x40°	RGBW4 in 1	2340-2520	39-42
				RGB3 in 1	1920-2100	32-35
	30	72	8°/15°/30°/45°/60° 15x60°/20x40°	2700-6000K	5450-5666	75-78
				RGBW	1656-1872	23-26
				RGB	1454-1670	20-23
			15°/30°/45° 15x60°/20x40°	RGBW4in 1	2304-2520	32-35
				RGB3 in 1	1800-2016	25-28
	18	48	4°	2700-6000K	2736-2880	57-60
				RGBW	1296-1440	27-30

PRODUCT SIZE

RFL220R Size：251.5x148.5x272.5mm(L*W*H) Net Weight：5.5kg



RFL-260R

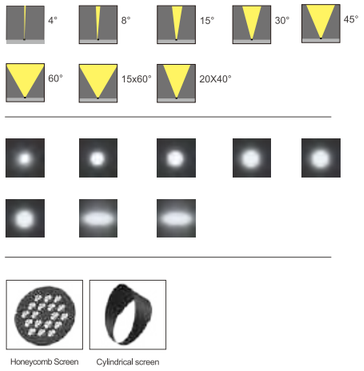
DMX 512 | -40～+50°C | 2700-6000K

IP66 | AC 100-240V | CE

Full range of high-power floodlight in round surface architectural with wide range of beam distributions and selectable of color temperatures, white color mixes, full color mixes and ROLEDS Digital Photochromic system.Separated design of light source and driving section provides a greatest heat transmission.Super narrow beam angle provides long distance, as projector light, solution with high central intensity (K-value)

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



Honeycomb Screen | Cylindrical screen

INTRODUCTION

Full range of high-power floodlight in round surface architectural with wide range of beam distributions and selectable of color temperatures, white color mixes, full color mixes and ROLEDS Digital Photochromic system.Separated design of light source and driving section provides a greatest heat transmission.Super narrow beam angle provides long distance, as projector light, solution with high central intensity (K-value)

CHARACTERISTICS

- Selected high-efficiency LED and ultra-white glass
- With 94% light transmittance are combined to achieve long-distance accurate projection
- The design of seperate structure of the optical cavity and driver with good heat dissipation reduce the ambient te -perature of driver and maintain the product components stability , thus it ensures product longer lifespan
- Black light technology. Deep-hidden anti-glare design is developed to achieve dual anti-glare purpose
- 0~360°rotatable rackets, precisely adjustable dial, safety self-locking structure design
- High efficient optics provide efficient, glare free light and even light distribution
- Die-casting housing with tempered glass cover

PHOTOMETRY

SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL260R	48	100	8°/15°/30°/45°/60° 15x60°/20x40°	2700-6000K	7900-8200	79-82
				RGBW	2700-3000	27-30
				RGB	2400-2700	24-27
			15°/30°/45° 15x60°/20x40°	RGBW4in 1	3900-4200	39-42
				RGB3 in 1	3200-3500	32-35
	48	120	8°/15°/30°/45°/60° 15x60°/20x40°	2700-6000K	9084-9444	75-78
				RGBW	2760-3120	23-26
				RGB	2424-2784	20-23
			15°/30°/45° 15x60°/20x40°	RGBW4 in 1	3840-4200	32-35
				RGB3 in 1	3000-3360	25-28
	24	60	4°	2700-6000K	3420-3600	57-60
	24	64		RGBW	1728-1920	27-30

PRODUCT SIZE

RFL260R Size：286x150x310mm(L*W*H) Net Weight：5.8kg

RFL-350R

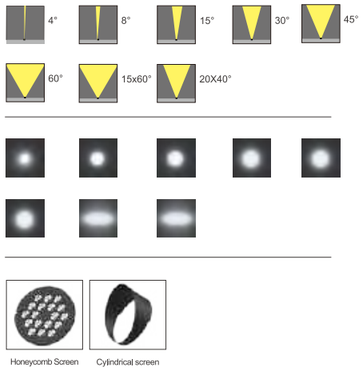
DMX 512 | -40～+50°C | 2700-6000K | RGBW | RGB

IP66 | AC 100-240V | CE

Full range of high-power floodlight in round surface architectural with wide range of beam distributions and selectable of color temperatures, white color mixes, full color mixes and ROLEDS Digital Photochromic system.Separated design of light source and driving section provides a greatest heat transmission.Super narrow beam angle provides long distance, as projector light, solution with high central intensity (K-value)

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



CHARACTERISTICS

- Selected high-efficiency LED and ultra-white glass
- With 94% light transmittance are combined to achieve long-distance accurate projection
- The design of seperate structure of the optical cavity and driver with good heat dissipation reduce the ambient te -perature of driver and maintain the product components stability , thus it ensures product longer lifespan
- Black light technology. Deep-hidden anti-glare design is developed to achieve dual anti-glare purpose
- 0~360°rotatable rackets, precisely adjustable dial, safety self-locking structure design
- High efficient optics provide efficient, glare free light and even light distribution
- Die-casting housing with tempered glass cover

INTRODUCTION

Full range of high-power floodlight in round surface architectural with wide range of beam distributions and selectable of color temperatures, white color mixes, full color mixes and ROLEDS Digital Photochromic system.Separated design of light source and driving section provides a greatest heat transmission.Super narrow beam angle provides long distance, as projector light, solution with high central intensity (K-value)

PHOTOMETRY

SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL350R	60	150	8°/15°/30°/45°/60° 15x60°/20x40°	2700-6000K	11850-12300	79-82
				RGBW	4050-4500	27-30
				RGB	3600-4050	24-27
			15°/30°/45° 15x60°/20x40°	RGBW4 in 1	5850-6300	39-42
				RGB3 in 1	4800-5250	32-35
	72	180	8°/15°/30°/45°/60° 15x60°/20x40°	2700-6000K	13626-14166	75-78
				RGBW	4140-4680	23-26
				RGB	3636-4176	20-23
			15°/30°/45° 15x60°/20x40°	RGBW4in 1	5760-6300	32-35
				RGB3 in 1	4500-5040	25-28
	36	90	4°	2700-6000K	5130-5400	57-60
				RGBW	2430-2700	27-30

PRODUCT SIZE

RFL350R Size：356x204x429.5mm(L*W*H) Net Weight：12kg

Portland City Hall, USA

Shenzhen Bao'an Stadium

SCO Qingdao Summit, Main Venue

Shanghai Jinmao Tower

Qingdao SCO Summit-Sea Stone Sculpture

2019 World Police & Fire Games

LED
Wall Washer

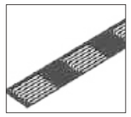
GOLF

LED WALL WASHER

064 RWW24
066 RWW33
068 RWW38
070 RWW65

Specification	RWW|24	RWW|33
Power Consumption (W)	11-14	18-24
Input Voltage	DC24V	DC24V
Beam Angle(°)	30/45/25*45	20/30/45/20*40
CCT(K)	2700-6500	2700-6500
5in1 Colour /7in1 Colour		
RGB/RGBW	●	
Anti-glare Accessories	●	●
Adjustable Brackets	●	●
DMX512	●	

Specification	RWW|38	RWW|65
Power Consumption (W)	24-48	48-60
Input Voltage	DC24V	AC100-240V
Beam Angle(°)	7/15/30/45/60/15*60/20*40	15/22/45
CCT(K)	2700-6000	2700-6000
5in1 Colour /7in1 Colour		●
RGB/RGBW	●	
Anti-glare Accessories	●	●
Adjustable Brackets	●	
DMX512	●	●



Grille Louvre

Light Baffle

Semicircle Bullseye Lourve

Honeycomb

RWW-24

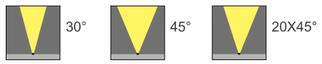
DMX 512 | DMX 8pixel | -40～+50°C | 2700-6500K | BICOLOR

IP66 | DC 24V

High-end wall washer, high transparent glass, Extreme mixing lighting.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



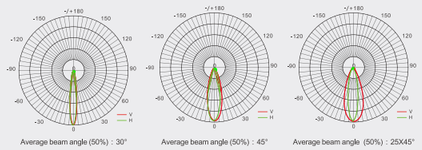
INTRODUCTION

RWW24 is a wall-washer luminaire series of extremely compact dimensions with integral 24VDC driver. As well as individual luminaires there is also a modular system available for creating continuous lines with barely any shadow between the sections. The very slim cross section allows for discreet installation. The luminaires are available with wall washer optics or in asymmetrical distribution.

CHARACTERISTICS

- Monochrome color, RGB, RGBW, various options
- Bevel design at its edge is more delicate and protectit from edge bumping
- Super white glass with 94% high light transmittance, high luminous efficacy, no dark area
- RWW24 is a robust compact extrusion aluminum housing with tempered glass cover and a wide choice of color temperatures, white color mixes, RGB & RGBW
- Corrosion resistance and improved heat dissipation

PHOTOMETRY



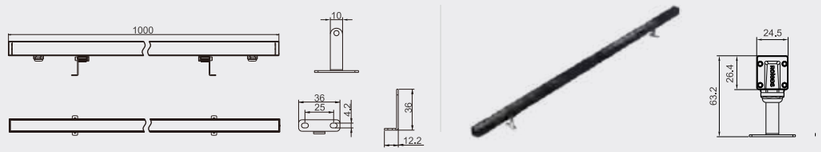
SPECIFICATION

Model	LED Quantity(PCS)	Power(W)	Beam angle	CCT	Lumens output(lm)	Efficacy(lm/W)
RWW24	48	15	30/45/25*45	2700-6500K	675-787.5	45-52.5
		11	30/45/25*45	RGB	228-252	19-20.5
		14	30/45/25*45	RGBW	328.2-384	23.4-24.3

PRODUCT SIZE

T Shape Bracket Size:1000x24.5x63.2mm(L*W*H) **Net Weight:0.8kg**

L=1000/500/300mm



RWW-33

-40～+55°C　2700-6500K

IP66　DC 24V

High-end monochrome wall washer, high transparent glass, super high luminous efficiency.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

T-shape bracket

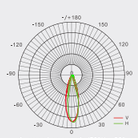
CHARACTERISTICS

- Super white glass with 94% high light transmittance, high light efficacy
- Bevel design at its edge is more delicate and protect it from edge bumping.
- Black light technology, built-in grille for anti-glare
- The sandblast-coating process protects the fixture' s functioning and appearance from atmospheric and environmental agents.

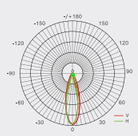
INTRODUCTION

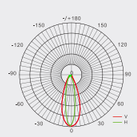
RWW33 is an elegant slim, low profile and highest intensity LED wall-washer luminaire of GOLF wall-washer luminaire series. It provides a higher vertical distance for wall washer application compare with same power consumption and distribution luminaire.

PHOTOMETRY


Average beam angle (50%) : 20°

Average beam angle (50%) : 30°


Average beam angle (50%) : 45°

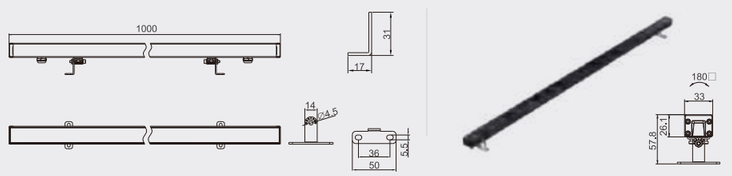

Average beam angle (50%) : 20X40°

SPECIFICATION

Model	LED Quantity(PCS)	Power(W)	Beam angle	CCT	Lumens output(lm)	Efficacy(lm/W)
RWW33	18	18	20/30/45/20*40	2700-6500K	1937.9-2036.7	108-113
	24	24		2700-6500K	2334.3-2500	97-104

PRODUCT SIZE

T Shape Bracket　Size：1000x33x57.8mm(L*W*H)　Net Weight:1.2kg
L=1000/500/300mm



RWW-38

DMX 512 | DMX 8pixel | -40～+50°C | 2700-6000K | BICOLOR

IP66 | DC 24V | CE

High-end wall washer, high-transparent glass, perfect anti-glare technology.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

INTRODUCTION

Modern scientific and technological industrial design is perfectly integrated into the urban landscape.It contains the latest color digital technology to meet the designer's choice of color.

Grille Louvre(Y1) | Light Baffle | T-shape bracket

CHARACTERISTICS

- Super white glass with 94% high light transmittance, high light efficacy
- Bevel design at its edge is more delicate and protect it from edge bumping,
- Black light technology, built-in grille for anti-glare
- A variety of built-in anti-glare accessories to meet the needs of different anti-glare scenes
- No dark area in uniform wall washing, and the height of wall washing of the same specification can be increased by 25%

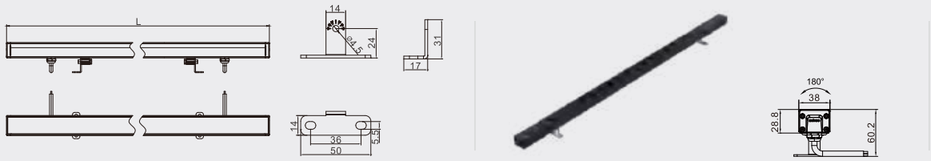
PHOTOMETRY

SPECIFICATION

Model	LED Quantity(PCS)	Power(W)	Beam angle	CCT	Lumens output(lm)	Efficacy(lm/W)
RWW38	24	24	7/15/30/45/60/15*60/20*40	2700-6500K	2124.6-2735	86-114
	16		15/30/45/15*60/20*40	RGB3in1	768-780	32-32.5
	16			RGBW4in1	912-932	38-40.5
	36	36	7/15/30/45/60/15*60/20*40	2700-6500K	2909.7-3833	81-106
	16			RGB3in1	1260-1440	44.5-45
	16			RGBW4in1	1764-1787	49-50
	24	48	7/15/30/45/60/15*60/20*40	2700-6500K	4128-4145	86-87
	24	48	15/30/45/15*60/20*40	RGBW4in1	1872-1902	39-40.5

PRODUCT SIZE

T Shape Bracket Size：1000x33x57.8mm(L*W*H) **Net Weight:1.2kg**
L=1000/500/300mm



RWW-65

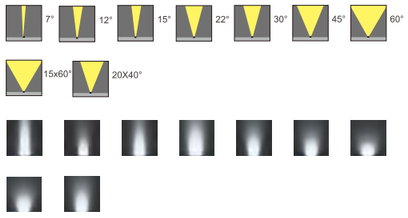
DMX 512 | DMX 1pixel | -40～+55°C | 2700-6000K | 5in1 | 7in1

IP66 | AC100V -240V | CE

Uniform wall washing effects, no dark area, high luminous efficacy, high cost effective.

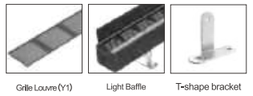
Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



INTRODUCTION

High power range of wall-washer LED luminaire series with wide range of beam distributions. Unique ROLEDS Digital Photochromic system options. Precise color adjustment through each channel to define specialized color.



CHARACTERISTICS

- Super white glass with 94% high light transmittance
- Unique color algorithms 5 in 1, 7 in 1 various options
- Bevel design at its edge is more delicate and protect it from edge bumping
- Black light technology, built-in grille for anti-glare
- Built-inpower supply to ensure beautiful appearance design
- High efficient optics provide efficient, glare free light and even light distribution
- The brand-new low-profile extrusion aluminum housing, a universal power input range, and direct line.

PHOTOMETRY

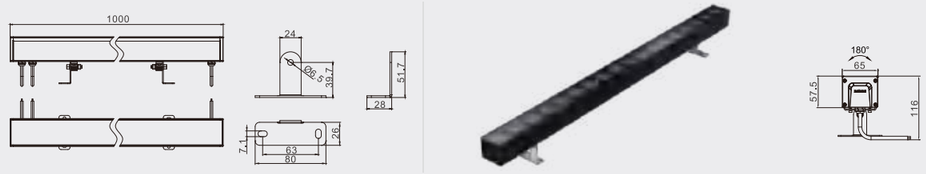
SPECIFICATION

Model	LED Quantity(PCS)	Power(W)	Beam angle	CCT	Lumens output(lm)	Efficacy(lm/W)
RWW65	90	48	15/22/45	5in1	2784-2904	58-60.5
	126	60	15/22/45	7in1	3720-4028.4	62-68.9
			7/15/22/30/ 45/60/15*60/20*40	2700-6000K	4187-4205	69.8-70.1
				RGB	1497-1521	25-25.4
				RGBW	2086-2121	34.8-35.4

PRODUCT SIZE

T Shape Bracket Size：1000x65x116mm(L*W*H) Net Weight：3.5kg

L=1000/500/300mm



LED
Linear Light

GOLF

LED LINEAR LIGHT

076 RLL24P
078 RCL30P

Specifications	RLL	24P	RCL	30P
Power Consumption (W)	15		15	
Input Voltage	DC24V/DC48V		DC24V/DC48V	
Beam Angle(°)	120		120	
CCT(K)	2700-5700		2700-5700	
RGB/RGBW	●		●	
PC Cover	●			
Acrylic Cover	●			
Cable Channel				
DMX512	●		●	

RLL-24P

-20～+45°C　2700-5700K

IP66　DC 24V　DC 48V

New tube-in-tube structure design, a leading technology in China, has successfully passed the airtight waterproof test. Exquisite and simple exterior design, perfectly integrating into the surrounding buildings and urban landscape.Two-color injection-moulded end caps, with reasonable internal space design, soft light, seamless splicing.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

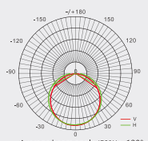
INTRODUCTION

New tube-in-tube structure design, a leading technology in China, has successfully passed the airtight waterproof test.Exquisite and simple exterior design, perfectly integrating into the surrounding buildings and urban landscape.Two-color injection-moulded end caps, with reasonable internal space design, soft light, seamless splicing.

CHARACTERISTICS

- Innovative design with tube-in-tube waterproof technology (IP66)
- Integrating respirator and drive module into one piece, safe and reliable
- Various mounting brackets available, greatly meeting the need of multi-scene installation

PHOTOMETRY



Average beam angle (50%): 120°

Fuzhou Trans Urban Connector

GOLF

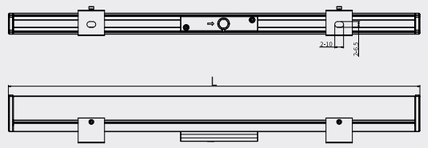
SPECIFICATION

Model	LED Quantity(PCS)	Power(W)	Beam angle	CCT	Lumens output(lm)	Efficacy(lm/W)
RLL24P	48	15	120	2700-5700K	410-480	27-32
				RGB	210	16-17
				RGBW	250	19-20

PRODUCT SIZE

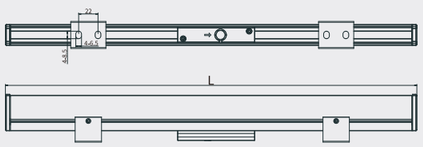
Flat Bracket　Size：1000x24x54.4mm(L*W*H)　Net Weight：0.6kg

L=1000/500/300mm



Clip bracket　Size：1000x24x54.4mm(L*W*H)　Net Weight：0.6kg

L=1000/500/300mm



RCL-30P

-20～+45°C　2700-5700K

IP66　DC 24V　DC 48V

New tube-in-tube structure design, a leading technology in China, has successfully passed the airtight waterproof test. Exquisite and simple exterior design, perfectly integrating into the surrounding buildings and urban landscape.Two-color injection-moulded end caps, with reasonable internal space design, soft light, seamless splicing.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

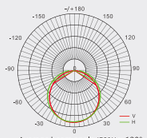
INTRODUCTION

New tube-in-tube structure design, a leading technology in China, has successfully passed the airtight waterproof test.Exquisite and simple exterior design, perfectly integrating into the surrounding buildings and urban landscape.Two-color injection-moulded end caps, with reasonable internal space design, soft light, seamless splicing.

CHARACTERISTICS

- Innovative design with tube-in-tube waterproof technology (IP66)
- Integrating respirator and drive module into one piece, safe and reliable
- Various mounting brackets available, greatly meeting the need of multi-scene installation

PHOTOMETRY



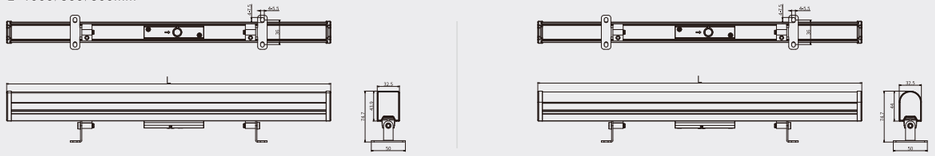
Average beam angle (50%): 120°

SPECIFICATION

Model	LED Quantity(PCS)	Power(W)	Beam angle	CCT	Lumens output(lm)	Efficacy(lm/W)
RCL30P	48	15	120	2700-5700K	490-600	33-40
				RGB	250-260	16-17
				RGBW	290-300	19-20

PRODUCT SIZE

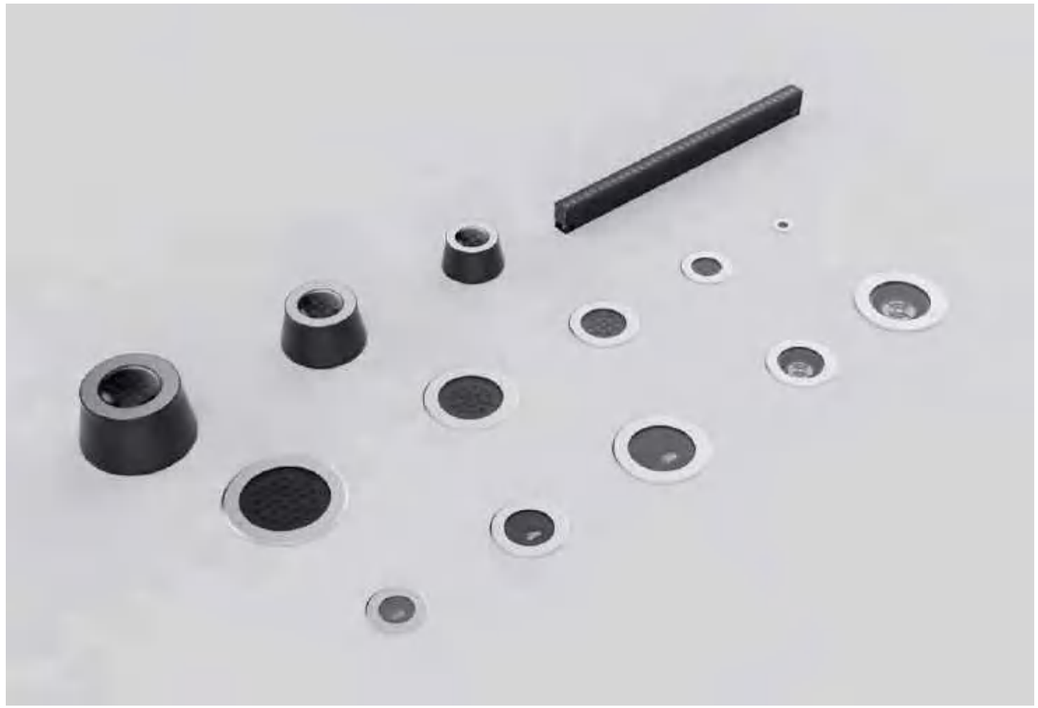
Rotate bracket Size：1000x32.5x74.7mm(L*W*H) Net Weight：0.7kg
L=1000/500/300mm



Flat Bracket Size：1000x32.5x56.6mm(L*W*H) Net Weight：0.7kg
L=1000/500/300mm

Clip bracket Size：1000x32.5x56.6mm(L*W*H) Net Weight：0.7kg
L=1000/500/300mm

LED
Inground Light
GOLF



LED INGROUND LIGHT

084 RGL65
086 RGL155
088 RGL195
090 RGL265
092 RGL325
094 RGL155WW
096 RGL195WW
098 RGL265WW
100 RGL195T
102 RGL265T
104 RGLL50

Specification	RGL|65	RGL|155	RGL|195	RGL|265	RGL|325		RGL|155WW	RGL|195WW	RGL|265WW	RGL|195T	RGL|265T	RGLL|50
Power Consumption (W)	1-3W	6-8W	18-24W	30-36W	48-54W		10W	20W	30W	12W	18-24W	36-48W
Input Voltage	DC12V/DC24V	DC24V	DC24V/AC100-240V	DC24V/AC100-240V	DC24V/AC100-240V		DC24V	DC24V/AC100-240V	DC24V/AC100-240V	AC100-240V	AC100-240V	DC24V
Beam Angle(°)	7/15/30/45/60 15x60/20x40	7,15,30,45,60,15X60, 15/15,30/15,20X40/15	7,15,30,45,60,15X60, 15/15,30/15,20X40/15	7,15,30,45,60,15X60, 15/15,30/15,20X40/15	7,15,30,45,60,15X60, 15/15,30/15,20X40/15		30*60/20,40*85 30,50*95/40	35X53/20 , 40X70/30 , 50X95/40	35*53/20 , 40*70 30 , 50*95/40	11/24/36	18/ 30/40/60	15/30/45/60/15*40 15*60/15*45/20*40
COB							●	●	●	●	●	
CCT(K)	2700-5700	2700-5700	2700-5700	2700-5700	2700-5700		2700-5700	2700-5700	2700-5700	2700-5000	2700-5000	2700-5700
RGB	●	●	●	●	●							●
Bullseyes Louvre	●	●	●	●						●	●	
Honeycomb Louvres	●	●	●	●	●							●
DMX512	●	●	●	●								●

Bullseyes Louvre

Honeycomb Louvres

Bullseyes Louvre

Cylinder Louvre

RGL-65

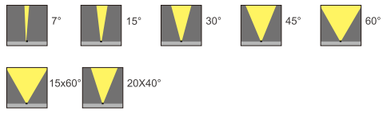
DMX 512 | -40～+45°C | 2700-5700K

IK07 | IP67 | DC 12V | DC 24V | III

Inground Lights- Classic Series.

Luminaire colour code

Graphite Black
RAL9011



Honeycomb Louvre

INTRODUCTION

A small size inground light designed for low wattage application with great heat-dispassion, innovative waterproof construction design, passed IP68 test, and variety beam angle selectable.

CHARACTERISTICS

- A full range of anti-glare accessories optional
- Imported silicone rubber sealing ring, Ip68 negative-pressure protection cable patents
- Professional structure design prevents the embedded parts from falling out
- Made of highly corrosion-resistant extrusion aluminum housing, stainless-steel trim, 10mm thickness tempered glass that provides walk-over situation

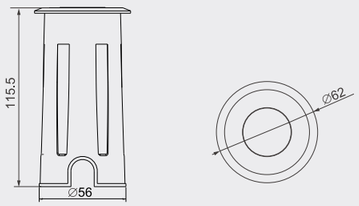
PHOTOMETRY

SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RGL65	1	1	7/15/30/45/60 15x60/20x40	2700-5700K	32-70	32-70
				RGB	25-30	25-30
		3		2700-5700K	60-105	20-35
				RGB	36-48	12-16

PRODUCT SIZE

RGL65 Size：62x115.5mm(∅*H) Net Weight：0.45kg



RGL-155

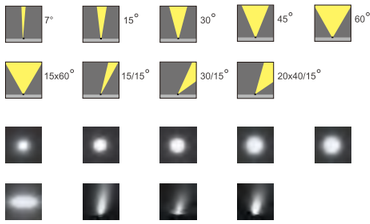
DMX 512 | -40～+45°C | 2700-5700K

IK10 | IP67 | DC 24V

Inground Lights- Classic Series.

Luminaire colour code

Graphite Black
RAL9011



INTRODUCTION

Inground Series designed for full range application with great heat-dispassion, innovative waterproof construction design, passed IP68 test, and variety beam angle selectable. Various anti-glare accessories option, honeycomb, bullseye or deep-set louvre, for all kinds of inground application.

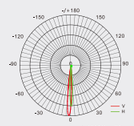
Bullseyes Louvre

Honeycomb Louvres

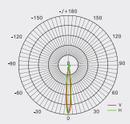
CHARACTERISTICS

- A full range of anti-glare accessories optional
- Imported silicone rubber sealing ring, Ip68 negative-pressure protection cable patents
- Professional structure design prevents the embedded parts from falling out
- Made of highly corrosion-resistant die-casting aluminum housing, stainless-steel trim, 10mm thickness tempered glass

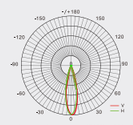
PHOTOMETRY



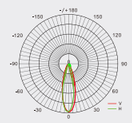
Average beam angle(50%) : 7°



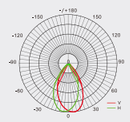
Average beam angle(50%) : 15°



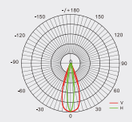
Average beam angle (50%) : 30°



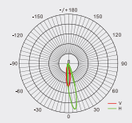
Average beam angle (50%) : 45°



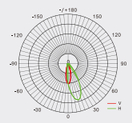
Average beam angle (50%) : 60°



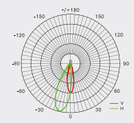
Average beam angle(50%) : 15x60°



Average beam angle (50%) : 15/15°



Average beam angle (50%) : 30/15°



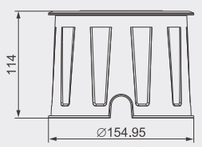
Average beam angle (50%) : 20x40/15°

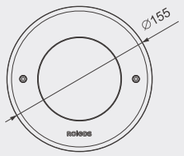
SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RGL155	3	6	7,15,30,45,60 15X60,15/15,30/15 20X40/15	2700-5700K	282-300	47-50
				RGB	132-150	22-25
	4	8		2700-5700K	376-400	47-50
				RGB	176-200	22-25

PRODUCT SIZE

RGL155 Size：155x114mm(∅*H) Net Weight：1.35kg





RGL-195

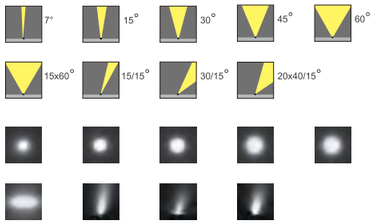
DMX 512 | -40～+45°C | 2700-5700K

IK10 | IP67 | AC 100-240V | DC 24V

Inground Lights- Classic Series.

Luminaire colour code

Graphite Black
RAL9011



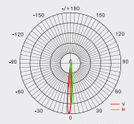
Bullseyes Louvre

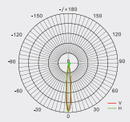
Honeycomb Louvres

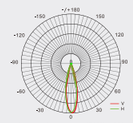
CHARACTERISTICS

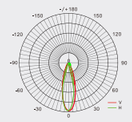
- A full range of anti-glare accessories optional
- Imported silicone rubber sealing ring, Ip68 negative-pressure protection cable patents
- Professional structure design prevents the embedded parts from falling out
- Made of highly corrosion-resistant die-casting aluminum housing, stainless-steel trim, 10mm thickness tempered glass

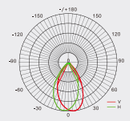
PHOTOMETRY

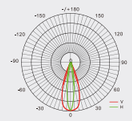

Average beam angle(50%) : 7°

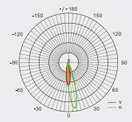

Average beam angle(50%) : 15°

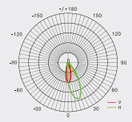

Average beam angle (50%) : 30°

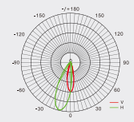

Average beam angle (50%) : 45°


Average beam angle (50%) : 60°


Average beam angle(50%) : 15x60°


Average beam angle (50%) : 15/15°


Average beam angle (50%) : 30/15°


Average beam angle (50%) : 20x40/15°

INTRODUCTION

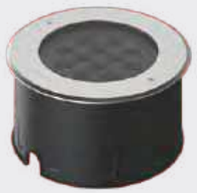
Inground Series designed for full range application with great heat-dispassion, innovative waterproof construction design, passed IP68 test, and variety beam angle selectable. Various anti-glare accessories option, honeycomb, bullseye or deep-set louvre, for all kinds of inground application.

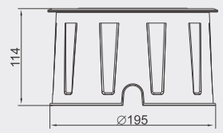
SPECIFICATION

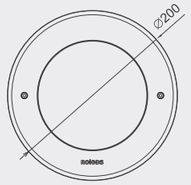
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RGL195	9	18	7,15,30,45,60 15X60,15/15,30/15 20X40/15	2700-5700K	846-900	47-50
				RGB	396-450	22-25
	12	24		2700-5700K	1128-1200	47-50
				RGB	528-600	22-25

PRODUCT SIZE

RGL195 Size：200x114mm(∅*H) Net Weight：2.5kg







RGL-265

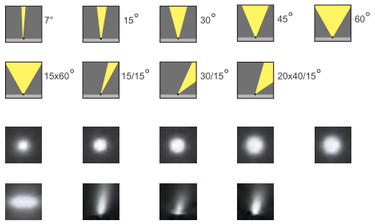
DMX 512 | -40～+45°C | 2700-5700K

IK10 | IP67 | AC 100-240V | DC 24V

Inground Lights- Classic Series.

Luminaire colour code

Graphite Black
RAL9011



INTRODUCTION

Inground Series designed for full range application with great heat-dispassion, innovative waterproof construction design, passed IP68 test, and variety beam angle selectable. Various anti-glare accessories option, honeycomb, bullseye or deep-set louvre, for all kinds of inground application.

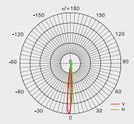
Bullseyes Louvre

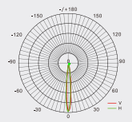
Honeycomb Louvres

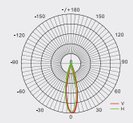
CHARACTERISTICS

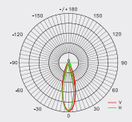
- A full range of anti-glare accessories optional
- Imported silicone rubber sealing ring, Ip68 negative-pressure protection cable patents
- Professional structure design prevents the embedded parts from falling out
- Made of highly corrosion-resistant die-casting aluminum housing, stainless-steel trim, 10mm thickness tempered glass

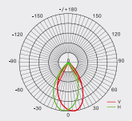
PHOTOMETRY

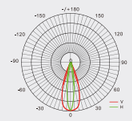

Average beam angle(50%) : 7°

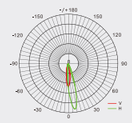

Average beam angle(50%) : 15°

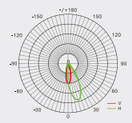

Average beam angle (50%) : 30°

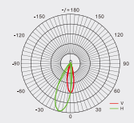

Average beam angle (50%) : 45°


Average beam angle (50%) : 60°


Average beam angle(50%) : 15x60°


Average beam angle (50%) : 15/15°


Average beam angle (50%) : 30/15°

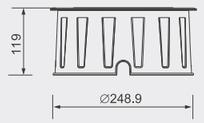

Average beam angle (50%) : 20x40/15°

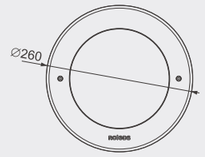
SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RGL265	18	30	7,15,30,45,60 15X60,15/15,30/15 20X40/15	2700-5700K	1260-1350	42-45
				RGB	660-750	22-25
	24	36		2700-5700K	1692-1800	47-50
				RGB	792-900	22-25

PRODUCT SIZE

RGL265 Size：260x119mm(∅*H) Net Weight：3.8kg





RGL-325

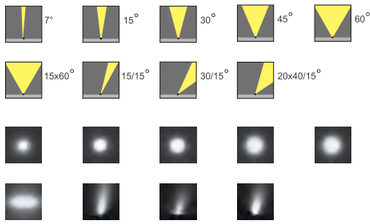
DMX 512 | -40～+45°C | 2700-5700K

IK10 | IP67 | AC 100-240V | DC 24V

Inground Lights- Classic Series.

Luminaire colour code

Graphite Black
RAL9011



Bullseyes Louvre

Honeycomb Louvres

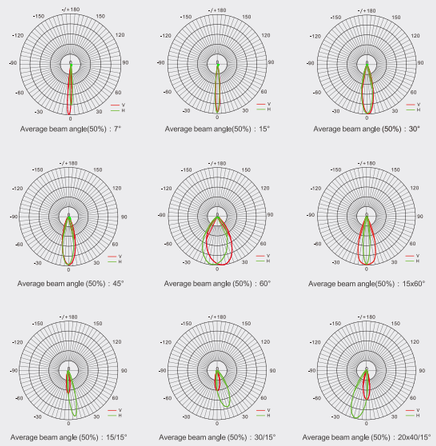
INTRODUCTION

Inground Series designed for full range application with great heat-dispassion, innovative waterproof construction design, passed IP68 test, and variety beam angle selectable. Various anti-glare accessories option, honeycomb, bullseye or deep-set louvre, for all kinds of inground application.

CHARACTERISTICS

- A full range of anti-glare accessories optional
- Imported silicone rubber sealing ring, Ip68 negative-pressure protection cable patents
- Professional structure design prevents the embedded parts from falling out
- Made of highly corrosion-resistant die-casting aluminum housing, stainless-steel trim, 10mm thickness tempered glass

PHOTOMETRY

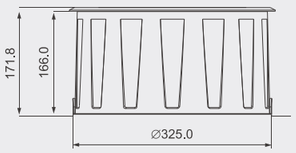


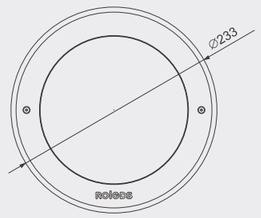
SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RGL325	30	48	7,15,30,45,60 15X60,15/15,30/15 20X40/15	2700-5700K	2256-2400	47-50
				RGB	1056-1200	22-25
	36	54		2700-5700K	2538-2700	47-50
				RGB	1188-1350	22-25

PRODUCT SIZE

RGL325 Size： 325x171.8mm(∅*H) Net Weight： 7.5kg





RGL-155WW

-40～+45°C　2700-5700K

IK10 | IP67 | DC 24V

Inground Lights- Wall-Washing Series.

Luminaire colour code

Graphite Black
RAL9011

35°X53°/20°　40°X70°/30°　50°X95°/40°

Bullseyes Louvre

INTRODUCTION

Brand-new design with three tilt angle of 20 °, 30 ° and 40 ° for different wall-washer application as new solution of inground lighting. Effectively improve the light utilization rate and achieve a highly uniform wall washing effect, and meet the designers' free imagination and more solutions. The whole series adopts imported silicone sealing ring to effectively isolate the invasion of water and dust.

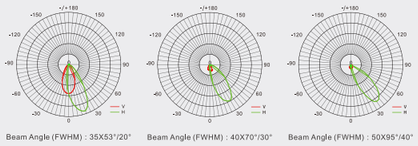
CHARACTERISTICS

- Dual-angle polarized light design for pefect uniformity wall washing effects
- Tilt Angle 20°, 30°, 40° solutions for different scenarios
- Professional unilateral anti-glare design
- Highly efficient optics provide efficient, glare free light and even light distribution
- A robust, compact aluminum housing with IP67 protection suitable.

SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RGL155WW	1	10	30X60/20 40X85/30 50X95/40	2700-5700K	240-320	30-40

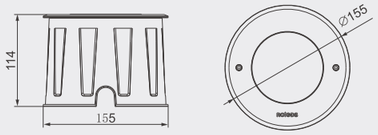
PHOTOMETRY



Beam Angle (FWHM) : 35X53°/20°　Beam Angle (FWHM) : 40X70°/30°　Beam Angle (FWHM) : 50X95°/40°

PRODUCT SIZE

RGL155WW　Size：155x114mm(∅*H)　Net Weight：1.35kg



RGL-195WW

-40～+45°C

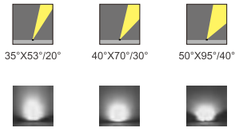
2700-5700K

IK10 | IP67 | AC 100-240V | DC 24V

Inground Lights- Wall-Washing Series.

Luminaire colour code

Graphite Black
RAL9011



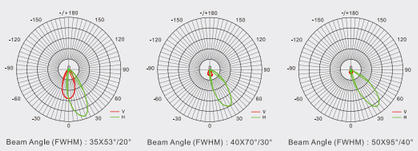
INTRODUCTION

Brand-new design with three tilt angle of 20 °, 30 ° and 40 ° for different wall-washer application as new solution of inground lighting. Effectively improve the light utilization rate and achieve a highly uniform wall washing effect, and meet the designers' free imagination and more solutions. The whole series adopts imported silicone sealing ring to effectively isolate the invasion of water and dust.

CHARACTERISTICS

- Dual-angle polarized light design for pefect uniformity wall washing effects
- Tilt Angle 20°, 30°, 40° solutions for different scenarios
- Professional unilateral anti-glare design
- Highly efficient optics provide efficient, glare free light and even light distribution
- A robust, compact aluminum housing with IP67 protection suitable.

PHOTOMETRY

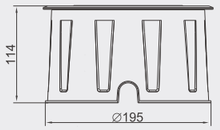


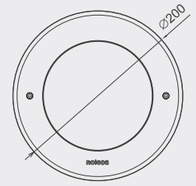
SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RG195WW	1	20	35X53/20 40X70/30 50X95/40	2700-5700K	600-800	30-40

PRODUCT SIZE

RGL195WW Size：200x114mm(∅*H) Net Weight：2.5kg





RGL-265WW

-40～+45°C

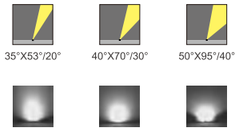
2700-5700K

IK10 | IP67 | AC 100-240V | DC 24V

Inground Lights- Wall-Washing Series.

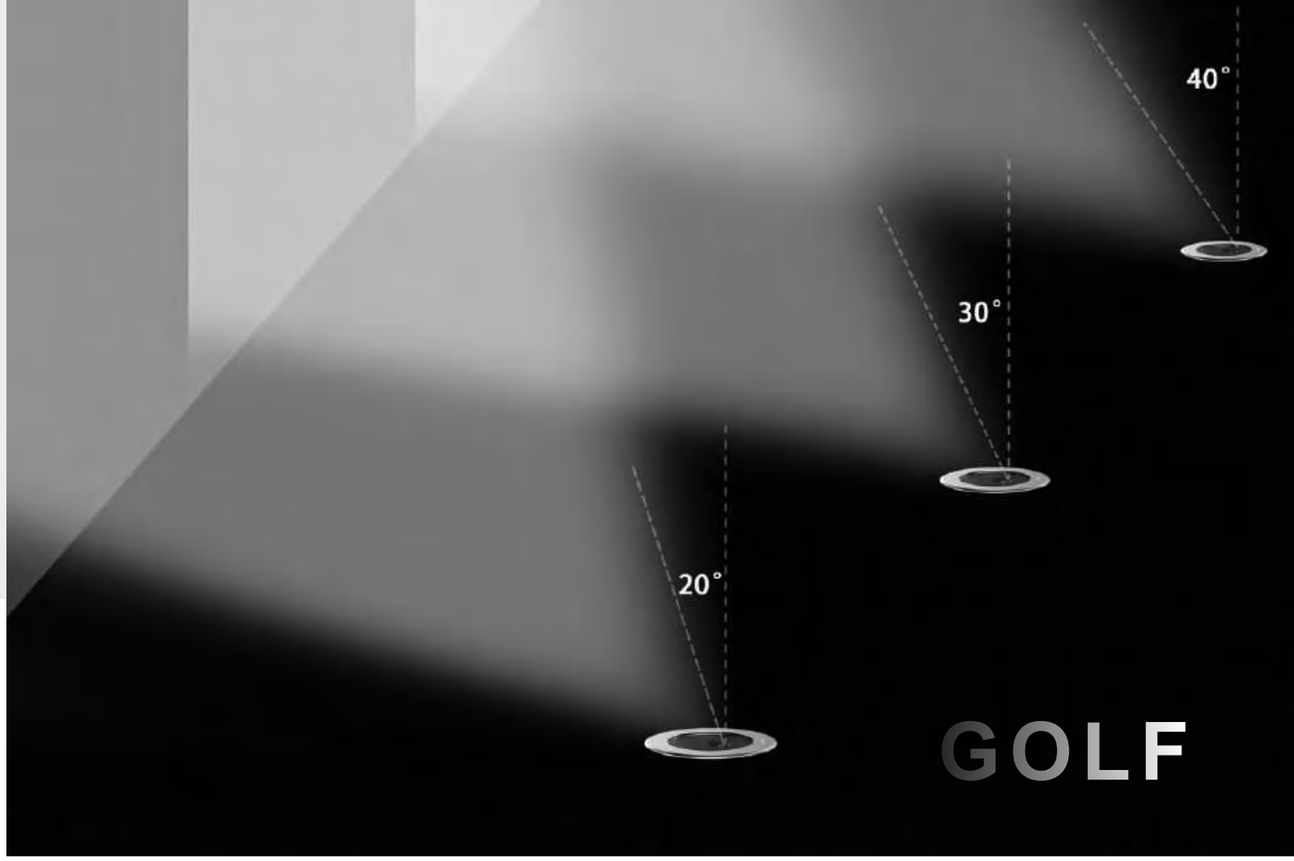
Luminaire colour code

Graphite Black
RAL9011



INTRODUCTION

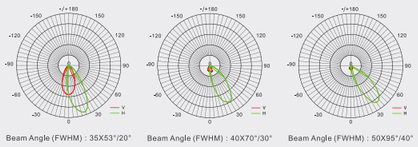
Brand-new design with three tilt angle of 20 °, 30 ° and 40 ° for different wall-washer application as new solution of inground lighting. Effectively improve the light utilization rate and achieve a highly uniform wall washing effect, and meet the designers' free imagination and more solutions. The whole series adopts imported silicone sealing ring to effectively isolate the invasion of water and dust.



CHARACTERISTICS

- Dual-angle polarized light design for pefect uniformity wall washing effects
- Tilt Angle 20°, 30°, 40° solutions for different scenarios
- Professional unilateral anti-glare design
- Highly efficient optics provide efficient, glare free light and even light distribution
- A robust, compact aluminum housing with IP67 protection suitable

PHOTOMETRY

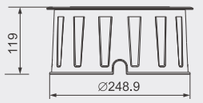


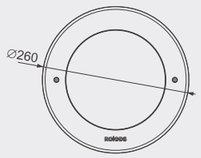
SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RGL265WW	1	30	35X53/20 40X70/30 50X95/40	2700-5700K	900-1200	30-40

PRODUCT SIZE

RGL265WW Size：260x119mm(∅*H) Net Weight：3.8kg





RGL-195T

-40～+45°C

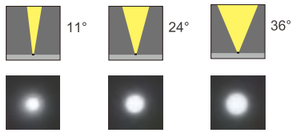
2700-5000K

IK10 | IP67 | AC 100-240V | III | CE

Inground Lights- Adjustable Series.

Luminaire colour code

Graphite Black
RAL9011



Bullseyes Louvre

INTRODUCTION

Innovative patten design, no need to disassemble the product, 15 ° free adjustment from the cover, effectively improve the lighting design effect, with the safety self-locking function, more stable dimming.

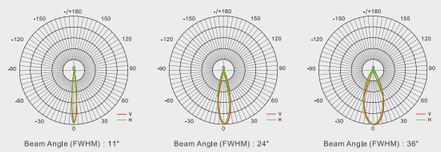
CHARACTERISTICS

- Angle adjustable from outside
- Double silicone ring guarantees reliable protection
- Double sealing silicone rubber ring is used at the rotary joint to ensure the waterproof of the product
- COB LED with highly efficient optics provide efficient, glare freelight and even light distribution
- A robust, compact aluminum housing with IK10 protection suitable.

SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RGL195T	1	12	11, 24,36	2700-5000K	564-600	47-50

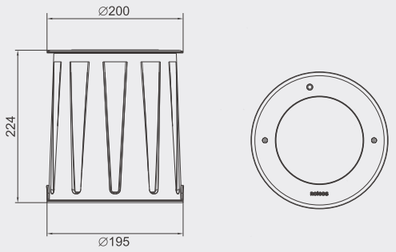
PHOTOMETRY



Beam Angle (FWHM) : 11°
Beam Angle (FWHM) : 24°
Beam Angle (FWHM) : 36°

PRODUCT SIZE

RGL195T Size：200x224mm(∅*H) Net Weight：3.8kg



RGL-265T

-40～+45°C

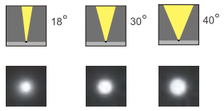
2700-5000K

IK10 | IP67 | AC 100-240V | III | CE

Inground Lights- Adjustable Series.

Luminaire colour code

Graphite Black
RAL9011



Bullseyes Louvre

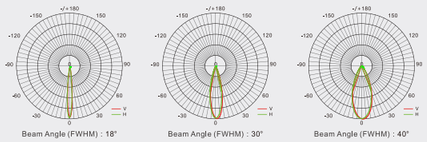
INTRODUCTION

Innovative patten design, no need to disassemble the product, 15 ° free adjustment from the cover, effectively improve the lighting design effect, with the safety self-locking function, more stable dimming.

CHARACTERISTICS

- Angle adjustable from outside
- Double silicone ring guarantees reliable protection
- Double sealing silicone rubber ring is used at the rotary joint to ensure the waterproof of the product
- COB LED with highly efficient optics provide efficient, glare freelight and even light distribution
- A robust, compact aluminum housing with IK10 protection suitable

PHOTOMETRY



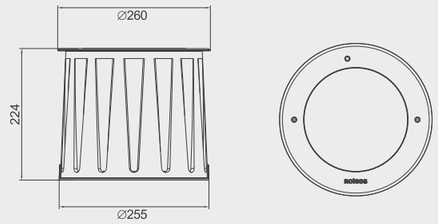
Beam Angle (FWHM) : 18°
Beam Angle (FWHM) : 30°
Beam Angle (FWHM) : 40°

SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RGL265T	1	20	18, 30,40	2700-5000K	840-900	42-45
	1	30		2700-5000K	1260-1350	42-45

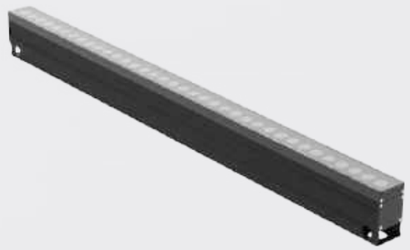
PRODUCT SIZE

RGL265T Size：260x224mm(∅*H) Net Weight： 4.9kg



RGLL-50

DMX 512 | -40～+45°C | 2700-5700K

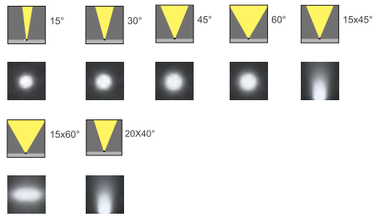


IK07 | IP67 | DC 24V

All Series LED Inground Light.

Luminaire colour code

Graphite Black
RAL9011



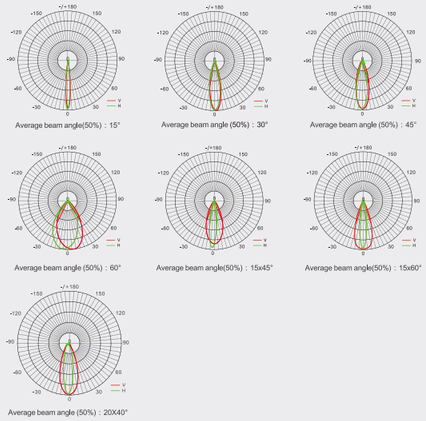
INTRODUCTION

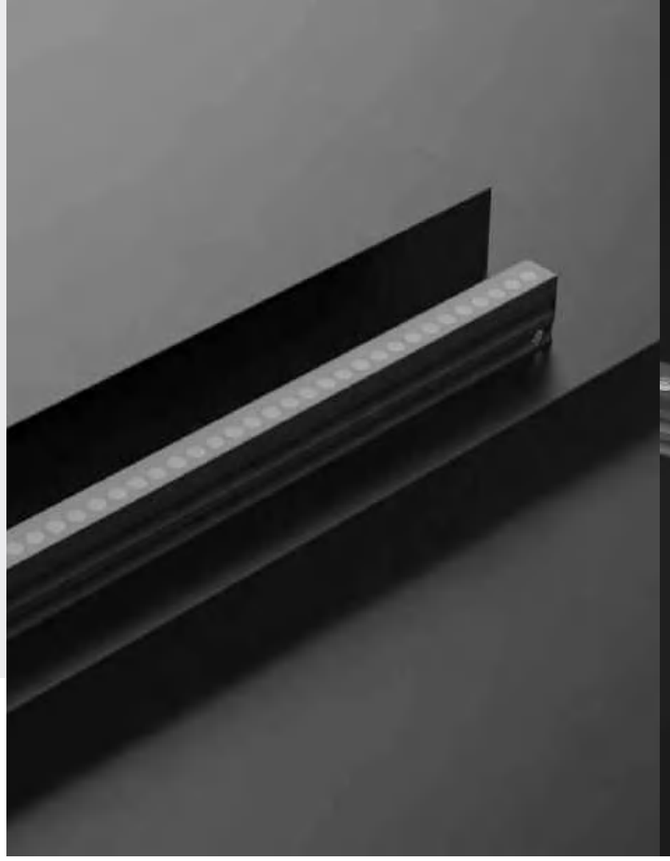
The new generation inground light series stands on innovation narrow edge, embedded installation housing and connection accessory with ON-OFF or DMX mono color, RGB and RGBW LED. Vivid color and no dark side in series connection.Wide range of power consumption are suitable for variety application.

CHARACTERISTICS

- The full range of anti-glare accessories is equipped to meet various scene applications
- Easy to install, good concealment, and not easy to damage the original environment
- It is applied to square steles, city walls, buildings and walls
- Multiple beam angles, suitable for various scenes
- Made of highly corrosion-resistant die-casting aluminum housing with sealed to IP67

PHOTOMETRY



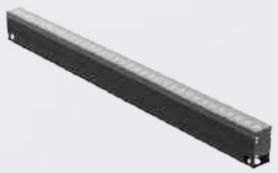


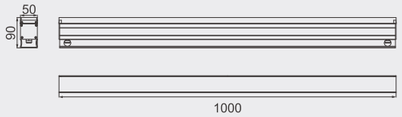
SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RGLL50	18	36	15/30/45 15x60/20x40	RGBW4in1	648-750	18-20.8
	24	48			860-1008	17.9-21
	36	36	15/30/45/60/15x45 15x60/20x40	2700-5700K	1470-2230	40.8-61.9

PRODUCT SIZE

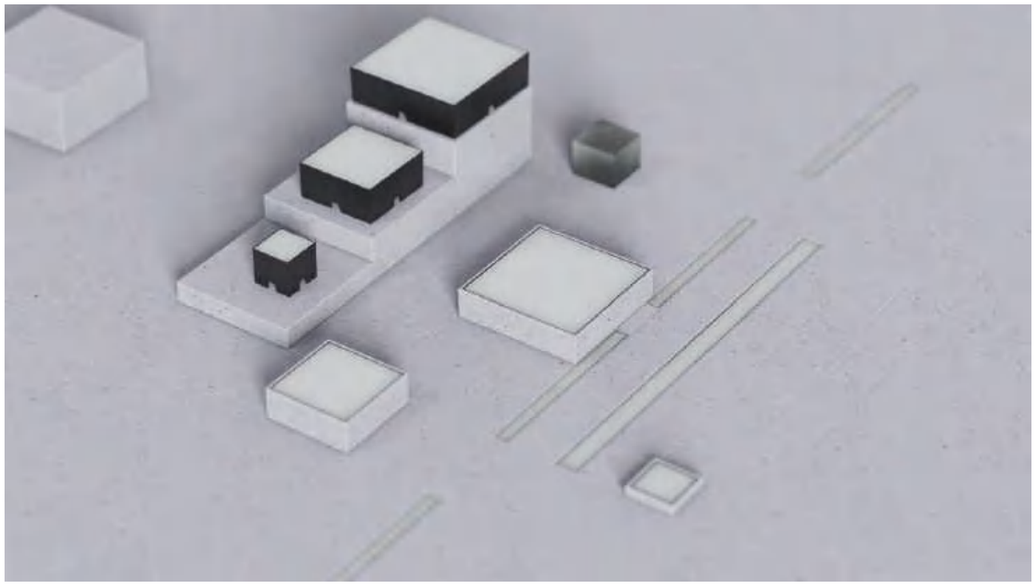
RGLL50 Size： 1000mm(L) x 50mm(W) x90mm (H) Net Weight： 3.65kg





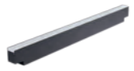
LED
Brick Light

GOLF

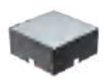
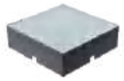


LED BRICK LIGHT

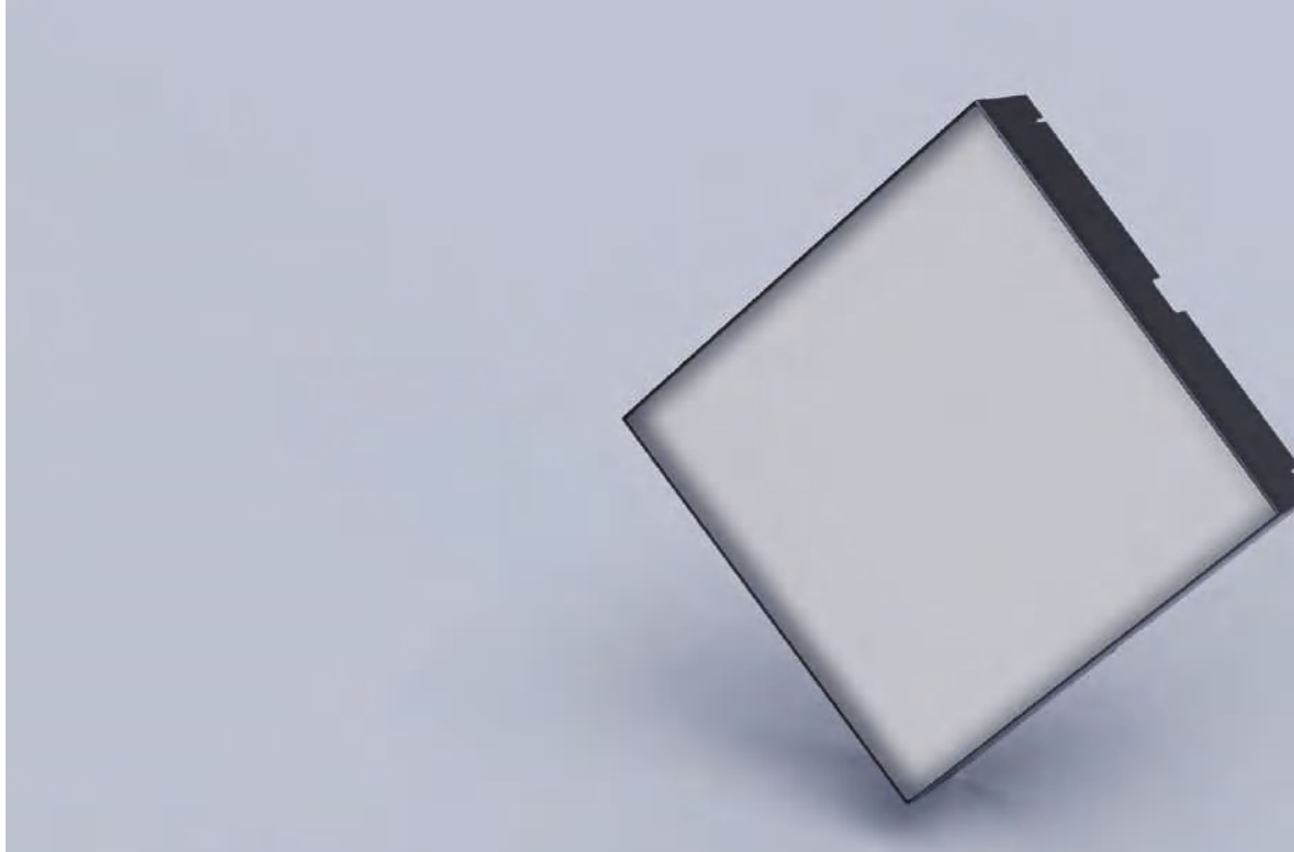
110 RBL30
112 RBL50
114 RBL100
116 RBL200
118 RBL300



	RBL|30	**RBL**|50
Power (w)	10-15	10-15
Input Voltage	DC24V	DC24V
Beam Angle	120	120
CCT	2700-6000K	2700-6000K
RGB/RGBW	●	●
DMX512	●	●

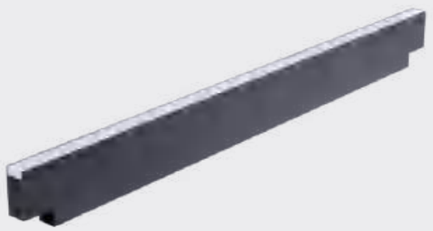



	RBL|100	**RBL**|200	**RBL**|300
Power (w)	3-4.7	8.6-11	20-26
Input Voltage	DC24V	DC24V	DC24V
Beam Angle	120	120	120
CCT	2700-6000K	2700-6000K	2700-6000K
RGB/RGBW	●	●	●
DMX512	●	●	●



RBL-30

DMX 512 | -30～+45°C | 2700-6000K



IK07 | IP67 | DC 24V

Superior quality, extremely narrow frame.

Luminaire colour code

Graphite Black
RAL9011

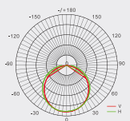
INTRODUCTION

The new generation linear brick light series stands on innovation narrow edge, embedded installation housing and connection accessory with ON-OFF or DMX mono color, RGB and RGBW LED. Vivid color and no dark side in series connection.Wide range of power consumption are suitable for variety application.

CHARACTERISTICS

- Ultra-white silk screen frosted glass, high light efficiency, uniform light output
- Extremely narrow frame, no dark zone between fixtures
- Made of highly corrosion-resistant die-casting aluminum housing with sealed to Ip67
- 10mm thickness semi-frosted tempered glass provides great uniformity light, IK08 and cross-over in the square application
- All versions are pre-wired with IP67 connection cables for improved waterproofness and speed of installation

PHOTOMETRY



Average beam angle (50%) : 120°

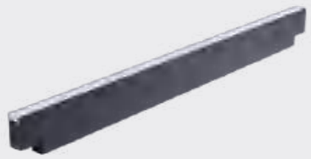
SPECIFICATION

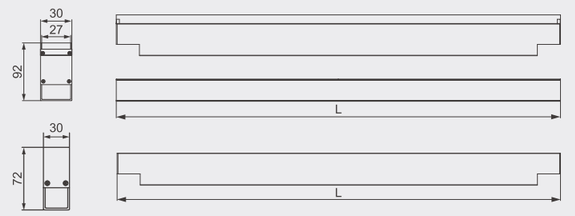
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RBL30	48	10	120	2700-6000K	72-120	6-10
				RGB	24-60	2-5
		15		RGBW	42-70	3-5

PRODUCT SIZE

RBL30 Size :1000x30x92mm (L*W*H) Net Weight :3.2kg

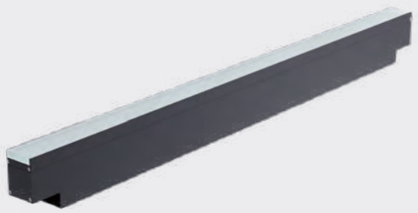
L=1000/500/300mm





RBL-50

DMX 512 | -30～+45°C | 2700-6000K



IK07 | IP67 | DC 24V

Superior quality, extremely narrow frame.

Luminaire colour code

Graphite Black
RAL9011

120°

| INTRODUCTION |

The new generation linear brick light series stand on innovation narrow edge, embedded installation housing and connection accessory with ON-OFF or DMX mono color, RGB and RGBW LED. Vivid color and no dark side in series connection.Wide range of power consumption are suitable for variety application and full scene.

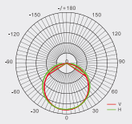
| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RBL50	48	10	120	2700-6000K	70-110	7-11
		12		RGB	36-60	3-5
		15		RGBW	56-102	4-8

CHARACTERISTICS

- Ultra-white silk screen frosted glass, high light efficiency, uniform light output
- Extremely narrow frame, no dark zone between fixtures
- Made of highly corrosion-resistant die-casting aluminum housing with sealed to Ip67
- 10mm thickness semi-frosted tempered glass provides great uniformity light, IK08 and cross-over in the square application
- All versions are pre-wired with IP67 connection cables for improved waterproofness and speed of installation

| PHOTOMETRY |

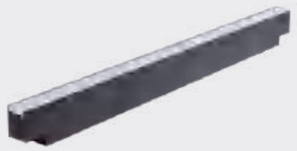


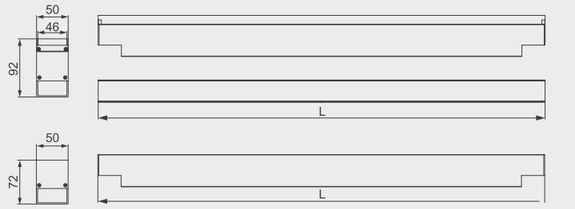
Average beam angle (50%) : 120°

| PRODUCT SIZE |

RBL50 Size :1000x50x92mm (L*W*H) Net Weight :4.4kg

L=1000/500/300mm





RBL-100

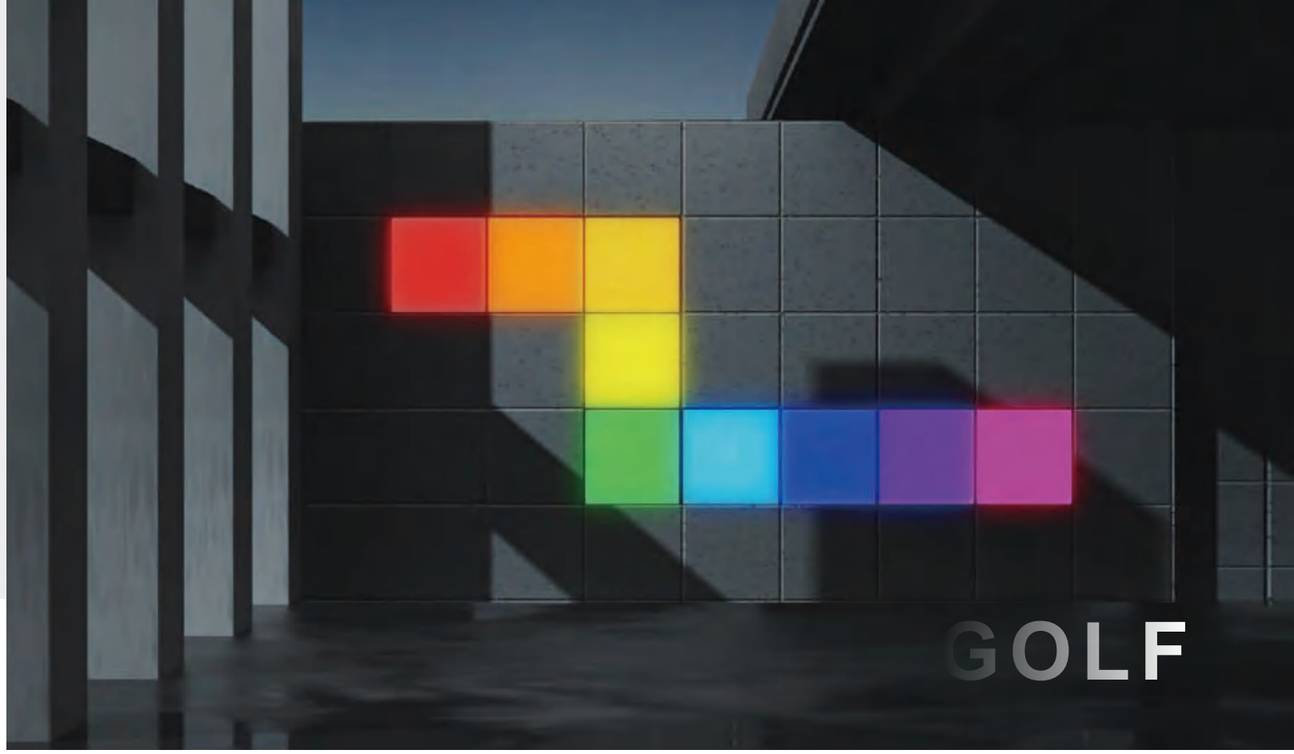
DMX 512 | -30～+45°C | 2700-6000K

IK07 | IP67 | DC 24V

Superior quality, extremely narrow frame.

Luminaire colour code

Graphite Black
RAL9011



120°

| INTRODUCTION |

The new generation brick light series stands on innovation narrow edge, embedded installation housing and connection accessory with ON-OFF or DMX mono color, RGB and RGBW LED. Vivid color and no dark side in series connection.Wide range of power consumption, 6W-26W are suitable for variety application and full scene. The RBL200 and RBL300 series have an interactive feature that changes color when pressed.

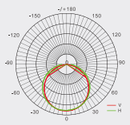
| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RBL100	12	3	120	2700-6000K	15-24	5-8
		4		RGB	4-6	1-4
		4.7		RGBW	9.4-23.5	2-5

CHARACTERISTICS

- > Ultra-white silk screen frosted glass, uniform light output
- > One-piece die-casting design, ensuring heat dissipation and improve waterproof performance
- > Extremely narrow frame, no dark zone between fixtures
- > Made of highly corrosion-resistant die-casting aluminum housing with sealed to Ip67
- > 10mm thickness semi-frosted tempered glass provides great uniformity light, IK07 and cross-over in the square application.
- > All versions are pre-wired with IP67 connection cables for improved waterproofness and speed of installation
- > Innovative fusion mortise and tenon splicing, efficient construction

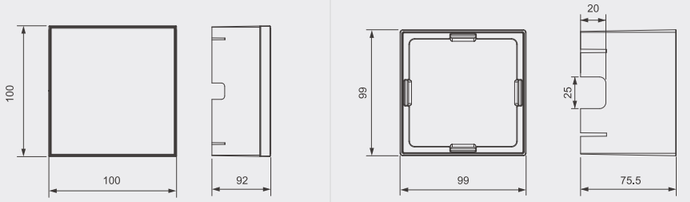
| PHOTOMETRY |



Average beam angle (50%) : 120°

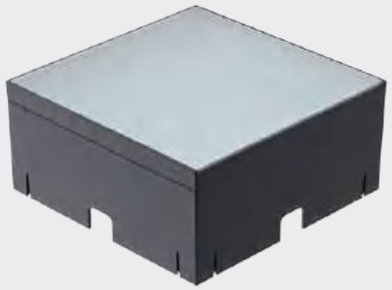
| PRODUCT SIZE |

RBL100 Size :100x100x92mm (L*W*H) Net Weight :0.8kg



RBL-200

DMX 512 | -30～+45°C | 2700-6000K



IK07 | IP67 | DC 24V

Superior quality, extremely narrow frame.

Luminaire colour code

Graphite Black
RAL9011

120°

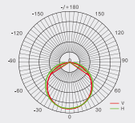
| INTRODUCTION |

The new generation brick light series stand on innovation narrow edge, embedded installation housing and connection accessory with ON-OFF or DMX mono color, RGB and RGBW LED. Vivid color and no dark side in series connection.Wide range of power consumption, 6W-26W are suitable for variety application and full scene. The RBL200 and RBL300 series have an interactive feature that changes color when pressed.

CHARACTERISTICS

- > Ultra-white silk screen frosted glass, uniform light output
- > One-piece die-casting design, ensuring heat dissipation and improve waterproof performance
- > Extremely narrow frame, no dark zone between fixtures
- > Made of highly corrosion-resistant die-casting aluminum housing with sealed to Ip67
- > 10mm thickness semi-frosted tempered glass provides great uniformity light, IK07 and cross-over in the square application.
- > All versions are pre-wired with IP67 connection cables for improved waterproofness and speed of installation
- > Innovative fusion mortise and tenon splicing, efficient construction

| PHOTOMETRY |



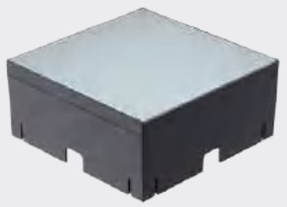
Average beam angle (50%) : 120°

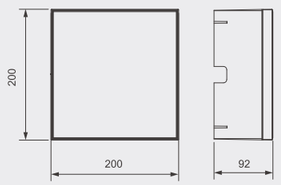
| SPECIFICATION |

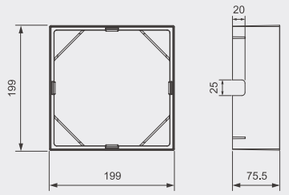
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RBL200	36	9	120	2700-6000K	216-432	24-48
		8.5		RGB	17-51	2-6
		11		RGBW	33-66	3-6

| PRODUCT SIZE |

RBL200 Size :200x200x92mm (L*W*H) Net Weight :2.4kg

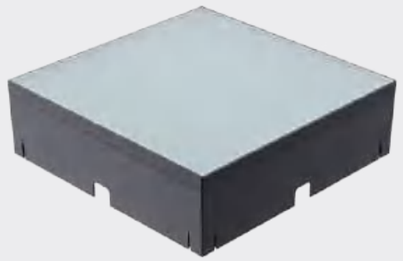






RBL-300

DMX 512 | -30～+45°C | 2700-6000K



IK07 | IP67 | DC 24V

Superior quality, extremely narrow frame.

Luminaire colour code

Graphite Black
RAL9011

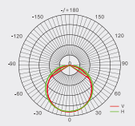
INTRODUCTION

The new generation brick light series stand on innovation narrow edge, embedded installation housing and connection accessory with ON-OFF or DMX mono color, RGB and RGBW LED. Vivid color and no dark side in series connection.Wide range of power consumption, 6W-26W are suitable for variety application and full scene. The RBL200 and RBL300 series have an interactive feature that changes color when pressed.

CHARACTERISTICS

- Ultra-white silk screen frosted glass, uniform light output
- One-piece die-casting design, ensuring heat dissipation and improve waterproof performance
- Extremely narrow frame, no dark zone between fixtures
- Made of highly corrosion-resistant die-casting aluminum housing with sealed to Ip67
- 10mm thickness semi-frosted tempered glass provides great uniformity light, IK07 and cross-over in the square application.
- All versions are pre-wired with IP67 connection cables for improved waterproofness and speed of installation
- Innovative fusion mortise and tenon splicing, efficient construction

PHOTOMETRY

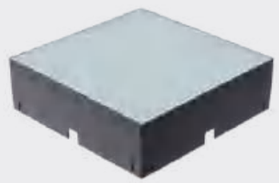


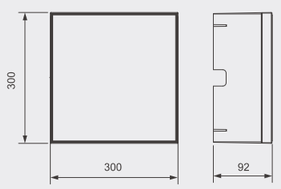
SPECIFICATION

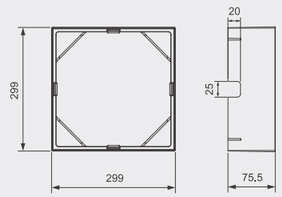
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RBL300	80	20	120	2700-6000K	240-300	12-15
		20		RGB	60-120	3-6
		26		RGBW	156-234	6-9

PRODUCT SIZE

RBL300 Size :300x300x92mm (L*W*H) Net Weight :4.9kg







LED
Onground Light
GOLF

LED ONGROUND LIGHT

124 ROG195
126 ROG265
128 ROG325

ROG | 195

ROG | 265

ROG | 325

Power (w)	18-24	30-36	48-54
Input Voltage	DC24V/AC220V	DC24V/AC220V	DC24V/AC220V
Beam Angle	7/15/30/45/60/15x60	7/15/30/45/60/15x60	7/15/30/45/60/15x60
CCT	2700-6500K	2700-6500K	2700-6500K
RGB	●	●	●
RGBW			
Anti-glare Accessories	●	●	●
DMX512	●	●	●

Y9

Y2

ROG-195

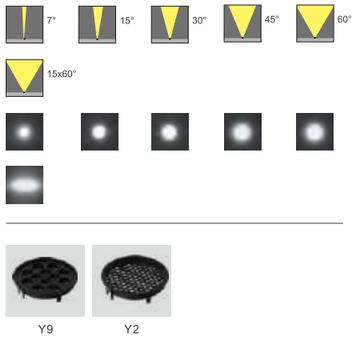
DMX 512 | -40～+45°C | 2700-6500K

IK10 | IP67 | AC 220V | DC 24V | CCC

On-ground Lights-Classic Series.

Luminaire colour code

Graphite Black
RAL9011



Y9 Y2

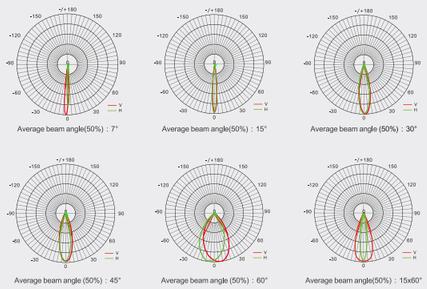
CHARACTERISTICS

- A full range of anti-glare accessories optional
- Imported silicone rubber sealing ring, Ip68 negative-pressure protection cable patents
- Professional structure design prevents the embedded parts from falling out
- Made of highly corrosion-resistant die-casting aluminum housing, stainless-steel trim, 10mm thickness tempered glass

INTRODUCTION

Inground Series designed for full range application with great heat-dispassion, innovative waterproof construction design, passed IP68 test, and variety beam angle selectable. Various anti-glare accessories option, honeycomb, bullseye or deep-set louvre, for all kinds of inground application.

PHOTOMETRY

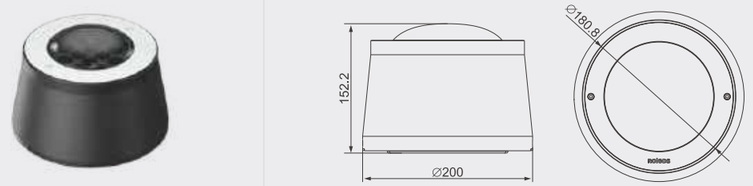


SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
ROG195	9	18	7/15/30/45/60 15x60	2700-6500K	846-900	47-50
				RGB	396-450	22-25
	12	24		2700-6500K	1128-1200	47-50
				RGB	528-600	22-25

PRODUCT SIZE

ROG195 Size :∅200x152.2mm Net Weight : 2.5kg



ROG-265

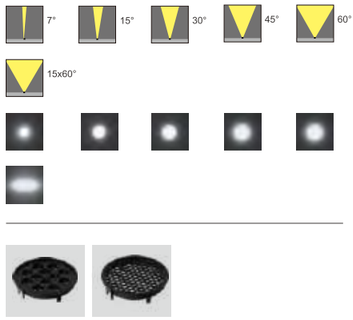
DMX 512 | -40～+45°C | 2700-6500K

IK10 | IP67 | AC 220V | DC 24V | CCC

On-ground Lights-Classic Series.

Luminaire colour code

Graphite Black
RAL9011



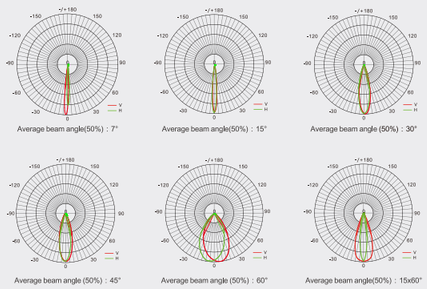
| INTRODUCTION |

Inground Series designed for full range application with great heat-dispassion, innovative waterproof construction design, passed IP68 test, and variety beam angle selectable. Various anti-glare accessories option, honeycomb, bullseye or deep-set louvre, for all kinds of inground application.

CHARACTERISTICS

- A full range of anti-glare accessories optional
- Imported silicone rubber sealing ring, Ip68 negative-pressure protection cable patents
- Professional structure design prevents the embedded parts from falling out
- Made of highly corrosion-resistant die-casting aluminum housing, stainless-steel trim, 10mm thickness tempered glass

| PHOTOMETRY |

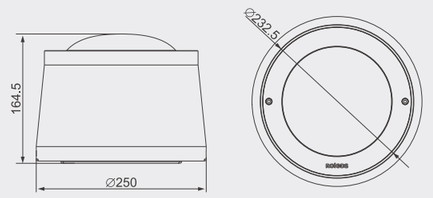


| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
ROG265	18	30	7/15/30/45/60 15x60	2700-6500K	1410-1500	47-50
				RGB	660-750	22-25
	24	36		2700-6500K	1692-1800	47-50
				RGB	792-900	22-25

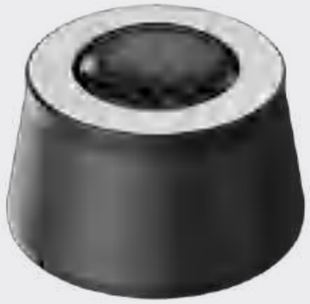
| PRODUCT SIZE |

ROG265 Size :∅250x164.5mm Net Weight : 3.8kg



ROG-325

DMX 512 | -40～+45°C | 2700-6500K

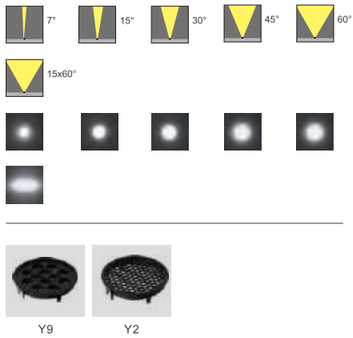


IK10 | IP67 | AC 220V | DC 24V | CCC

On-ground Lights-Classic Series.

Luminaire colour code

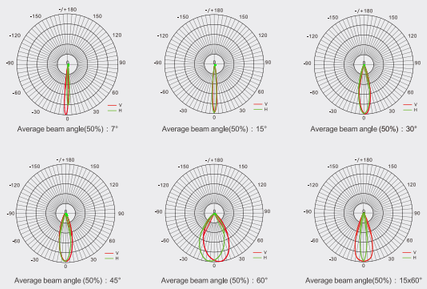
Graphite Black
RAL9011



CHARACTERISTICS

- A full range of anti-glare accessories optional
- Imported silicone rubber sealing ring, Ip68 negative-pressure protection cable patents
- Professional structure design prevents the embedded parts from falling out
- Made of highly corrosion-resistant die-casting aluminum housing, stainless-steel trim, 10mm thickness tempered glass

PHOTOMETRY



INTRODUCTION

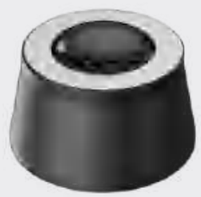
Inground Series designed for full range application with great heat-dispassion, innovative waterproof construction design, passed IP68 test, and variety beam angle selectable. Various anti-glare accessories option, honeycomb, bullseye or deep-set louvre, for all kinds of inground application.

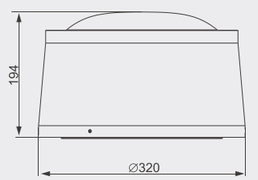
SPECIFICATION

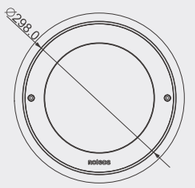
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
ROG325	30	48	7/15/30/45/60 15x60	2700-6500K	2256-2400	47-50
				RGB	1056-1200	22-25
	36	54		2700-6500K	2538-2700	47-50
				RGB	1188-1350	22-25

PRODUCT SIZE

ROG325 Size :∅320x194mm Net Weight : 7.5kg







LED
Dot Light

GOLF

LED DOT LIGHT

134 RDO35
136 RDO37H
138 RDO45
140 RDO45H
142 RDO4530
144 RDO5540
146 RDO5623
148 RDO90
150 RDO120
152 RDO150

	RDO|35	**RDO**|37H	**RDO**|45	**RDO**|45H
Power (w)	0.7-0.9/1.3-1.8	0.7-1.8	1.3-1.8/2.4-3	1.4/2.8
Input Voltage	DC12V/DC24V	DC48V	DC12V/DC24V	DC48V
Beam Angle	120°	120°	120°	120°
CCT	2700-6000K	2700-6500K	2700-6000K	2200-6500K
RGB/RGBW	●	●	●	●
Mounting Clip	●	●	●	●
Aluminum Profile	●	●	●	●
DMX512	●	●	●	●

	RDO|90	**RDO**|120	**RDO**|150
Power (w)	3-6	7-10	12-15
Input Voltage	DC24V	DC24V	DC24V
Beam Angle	90/120°	90/120°	90/120°
CCT	2700-5700K	2700-5700K	2700-5700K
RGB/RGBW	●	●	●
DMX512	●	●	●

	RDO|4530	**RDO**|5540	**RDO**|5623
Power (w)	1.4/1.8	1.8	1.8/2
Input Voltage	DC24V	DC24V	DC24V/DC48V
Beam Angle	60x120°	60x120°	120°
CCT	2200-6500K	2200-6500K	2700-6000K
RGB/RGBW	●	●	●
Mounting Clip			
Aluminum Profile	●	●	●
DMX512	●	●	●

RDO-35

DMX 512 | -30～+55°C | 2700-6000K

IP67 | DC 12V | DC 24V | III

Ultrasonic combined with gluing art, double waterproof, IP67 protection grade cost-effective, suitable for various installation scenarios.

Luminaire colour code

Graphite Black
RAL9011

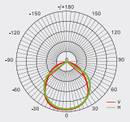
| INTRODUCTION |

ROLEDS RDO series is brand-new LED Dot light with innovative ultrasonic production technology. As a direct view LED luminaire mounted as a matrix, it can display large video and graphics in a large number of architectural environments. Adaptable to be mounted on aluminum channels or steel rope strands as a matrix.

CHARACTERISTICS

- > Ultrasonic combined with gluing process, IP67
- > Optional transparent, milky, frosted cover
- > Support customized multi-lamp series connection
- > A variety of installation methods to meet various application scenarios
- > Innovative ultrasonic production technology to achieve IP67 for exterior application
- > Standard and custom lengths and node spacing

| PHOTOMETRY |



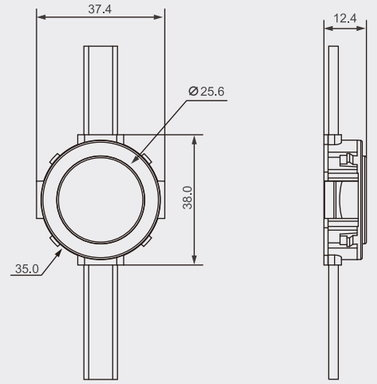
Average beam angle(50%) : 120°

| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RDO35 DC12V	3	0.7	120	2700-6000K	49	70
				RGB	11	15
	6	0.9	120	RGBW	36	40
RDO35 DC24V	4	1.4	120	2700-6000K	98	70
	6	1.4	120	RGB	21	15
		1.8	120	RGBW	72	40

| PRODUCT SIZE |

Size :35x12.4mm (∅*H) Net Weight :30g



RDO-37H

DMX 512 | -25～+50°C | 2200-6500K

IP67 | DC 48V

Hight voltage,Ultrasonic combined with gluing art, double waterproof, IP67 protection grade cost-effective, suitable for various installation scenarios.

Luminaire colour code

Graphite Black
RAL9011

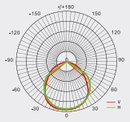
| INTRODUCTION |

ROLEDS RDO series is brand-new LED Dot light with innovativeultrasonic production technology. As a direct view LED luminaire mounted as a matrix, it can display large video and graphics in a largenumber of architectural environments. Adaptable to be mounted on aluminum channels or steel rope strands as a matrix.

CHARACTERISTICS

- Ultrasonic + Potting waterproofing technology(IP67); With Safe voltage to achieve ultra-long-distance transmission; Wiring simple and convenient
- DC48V, long-distance power supply with safe voltage
- Supporting the function of 16bit & RDM
- DMX512, dual-wire parallel design, remaining under control if single-lamp failures
- Ultrasonic + Potting waterproofing technology with IP67 360-degree protection

| PHOTOMETRY |



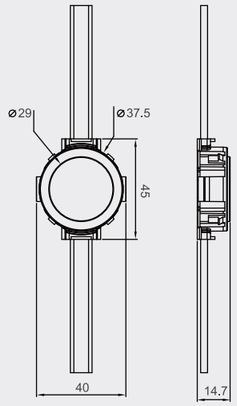
Average beam angle(50%) : 120°

| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RDO37H	3	0.7	120	2200-6500K	52.5-59.5	75-85
				RGB	10.5-17.5	15-25
		0.9		RGBW	31.5-40.5	35-45
	6	1.4		2200-6500K	105-119	75-85
				RGB	21-35	15-25
		1.8		RGBW	63-81	35-45

| PRODUCT SIZE |

Size :37x14mm (∅*H) Net Weight :23.9g



RDO-45

DMX 512 | -30～+55°C | 2700-6500K

IP67 | DC 24V | III

Ultrasonic combined with gluing art, double waterproof, IP67 protection grade cost-effective, suitable for various installation scenarios.

Luminaire colour code

Graphite Black
RAL9011

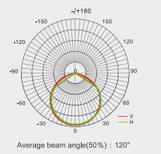
| INTRODUCTION |

ROLEDS RDO series is brand-new LED Dot light with innovative ultrasonic production technology. As a direct view LED luminaire mounted as a matrix, it can display large video and graphics in a large number of architectural environments. Adaptable to be mounted on aluminum channels or steel rope strands as a matrix.

CHARACTERISTICS

- > Ultrasonic combined with gluing process, IP67
- > Optional transparent, milky, frosted cover
- > Support customized multi-lamp series connection
- > A variety of installation methods to meet various application scenarios
- > Innovative ultrasonic production technology to achieve IP67 for exterior application
- > Standard and custom lengths and node spacing

| PHOTOMETRY |



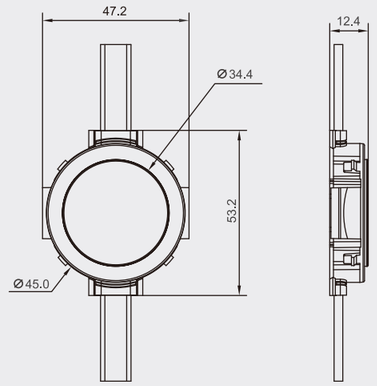
Average beam angle(50%) : 120°

| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RDO45	6	1.4	120	2700-6500K	98	70
				RGB	21	15
	8	1.8	120	RGBW	72	40
	8	1.8/2.4	120	2700-6500K	168	70
				RGB	36	15
	9	3	120	RGBW	120	40

| PRODUCT SIZE |

Size :45x12.4mm (∅*H) Net Weight :40g



RDO-45H

DMX 512 | -25～+50°C | 2200-6500K

IP67 | DC 48V

Hight voltage,Ultrasonic combined with gluing art, double waterproof, IP67 protection grade cost-effective, suitable for various installation scenarios.

Luminaire colour code

Graphite Black
RAL9011

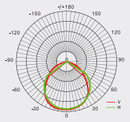
INTRODUCTION

ROLEDS RDO series is brand-new LED Dot light with innovativeultrasonic production technology. As a direct view LED luminaire mounted as a matrix, it can display large video and graphics in a largenumber of architectural environments. Adaptable to be mounted on aluminum channels or steel rope strands as a matrix.

CHARACTERISTICS

- Ultrasonic + Potting waterproofing technology(IP67); With Safe voltage to achieve ultra-long-distance transmission; Wiring simple and convenient
- DC48V, long-distance power supply with safe voltage
- Supporting the function of 16bit & RDM
- DMX512, dual-wire parallel design, remaining under control if single-lamp failures
- Ultrasonic + Potting waterproofing technology with IP67 360-degree protection

PHOTOMETRY



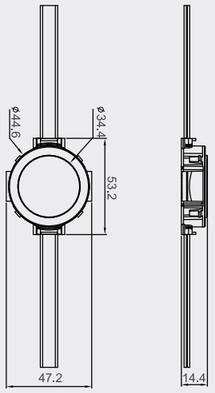
Average beam angle(50%) : 120°

SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RDO45H	6	1.4	120	2200-6500K	105-119	75-85
				RGB	21-35	15-25
		1.8		RGBW	63-81	35-45
		2.4		2200-6500K	180-204	75-85
				RGB	36-60	15-25
		2.8		RGBW	98-126	35-45

PRODUCT SIZE

Size :45x14mm (∅*H) Net Weight :24.5g



RDO-4530

DMX 512

-25～+55°C

IP65 | DC 24V | III

360° glue-filling art,IP65 48V voltage for super long distancestring lights.

Luminaire colour code

Graphite Black
RAL9011

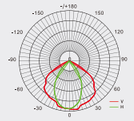
| INTRODUCTION |

Exterior flexible strands of high-intensity nodes with smart RGB/RGBW lights , RGB/RGBW are flexible strands of large, high-intensity, full-colorLED nodes designed for extraordinary video and graphic effects onexpansive installations without the constraints of luminaire size, shapeor space.

CHARACTERISTICS

- 360-degree all-around potting waterproofing protection IP65, with anti-glare function
- 360-degree potting waterproof, up to Ip65
- Special design of optical lens, meeting the needs of anti-glare scenes
- Special optical design for the enhancement of product brightness and improvement of luminaire efficiency

| PHOTOMETRY |



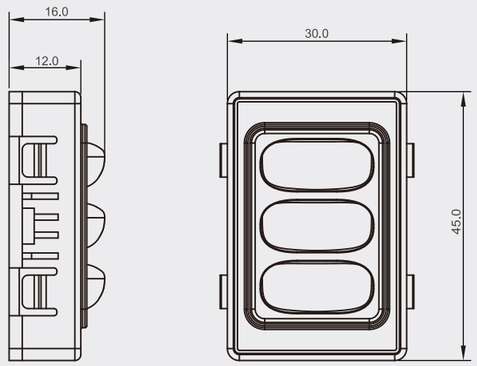
Average beam angle(50%) : 60x120°

| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RDO4530	6	1.4	60x120	RGB	11	12
	8	1.8		RGBW	41	23

| PRODUCT SIZE |

LOW VOLTAGE Size :45x30x16mm Net Weight :30g



RDO-5540

DMX 512 | -25～+55°C

IP65 | DC 24V | III

360° glue-filling art,IP65 48V voltage for super long distancestring lights.

Luminaire colour code

Graphite Black
RAL9011

| INTRODUCTION |

Exterior flexible strands of high-intensity nodes with smart RGB/RGBW lights , RGB/RGBW are flexible strands of large, high-intensity, full-colorLED nodes designed for extraordinary video and graphic effects onexpansive installations without the constraints of luminaire size, shapeor space.

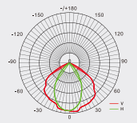
| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RDO5540	6	1.8	60x120	RGB	21.6	12
	8	1.8		RGBW	54	30

CHARACTERISTICS

- 360-degree all-around potting waterproofing protection IP65, with anti-glare function
- 360-degree potting waterproof, up to Ip65
- Special design of optical lens, meeting the needs of anti-glare scenes
- Special optical design for the enhancement of product brightness and improvement of luminaire efficiency

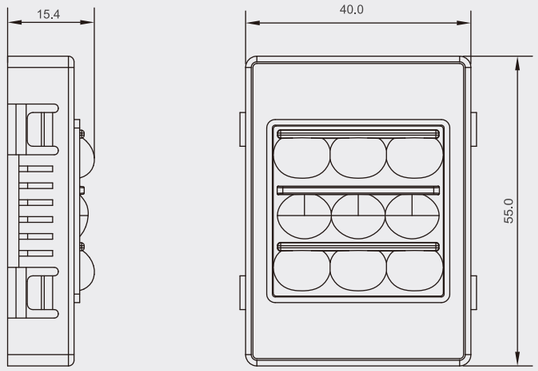
| PHOTOMETRY |



Average beam angle(50%) : 60x120°

| PRODUCT SIZE |

LOW VOLTAGE Size :55x40x15.4mm Net Weight :30g



RDO-5623

DMX 512 | -25～+50°C | 2700-5700K | 3in1 4in1

IP67 | DC 24V

Ultrasound and glue filling process, double waterproof, cost-effective, suitable for a variety of installation sites.

Luminaire colour code

Graphite Black
RAL9011

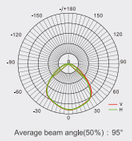
| INTRODUCTION |

As a direct view LED luminaire mounted as a matrix, it can display large video and graphics in a large number of architectural environments. Adaptable to be mounted on aluminum channels or steel rope strands as a matrix.

CHARACTERISTICS

- > Ultrasonic combined with gluing process, IP67
- > Support customized multi-lamp series connection
- A variety of installation methods to meet various appli-
- > cation scenario
- > Innovative ultrasonic production technology to achieve
- > IP67 for exterior application
- > Standard and custom lengths and node spacing

| PHOTOMETRY |

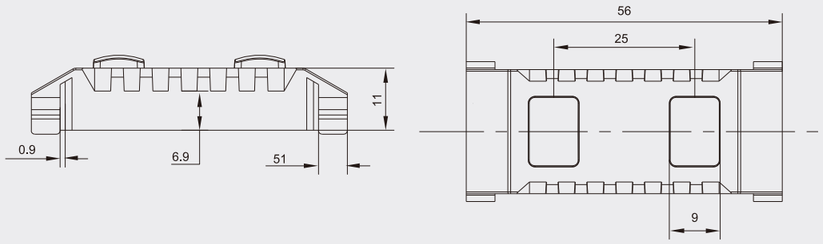


| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RDO5623	4	1.4	95	2700-5700K	98	70
		1.4		RGB3in1	21	15
		1.8		RGBW4in1	54	30

| PRODUCT SIZE |

Size :56mm (L) x 35mm (W)x 15mm (H) Net Weight :18g



RDO-90

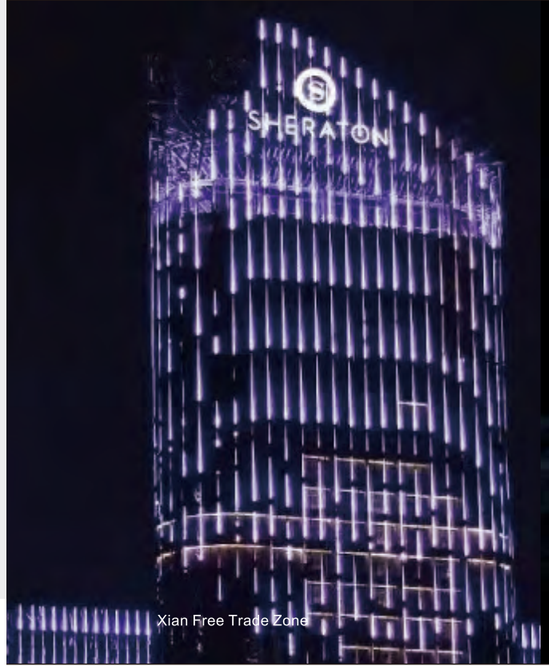
DMX 512 | -25～+55°C | 2700-6000K

IP66 | DC 24V | III

Structure waterproof IP66, matching a varietyof light distribution covers.

Luminaire colour code

Graphite Black
RAL9011



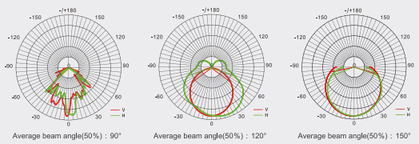
INTRODUCTION

The overall curve design extracts the shape of UFO, and the sense of future science and technology takes into account innovative functional aesthetics. The bottom scroll heat sink has a unique air cooling cycle design, which takes into account the heat dissipation efficiency and beauty, and presents a harmonious aesthetic feeling. Any combination of features can perfectly cover multiple scenarios.

CHARACTERISTICS

- Structure waterproof IP66
- Four kinds of covers: Frosted/transparent/milky/diamond
- External heat dissipation ribs, unique air-cooled circulation design
- Die-casting housing with innovative waterproof construction design to achieve IP66
- 3 types of cover for variety lighting design requirement
- Cable wire with IP67 connect plug

PHOTOMETRY

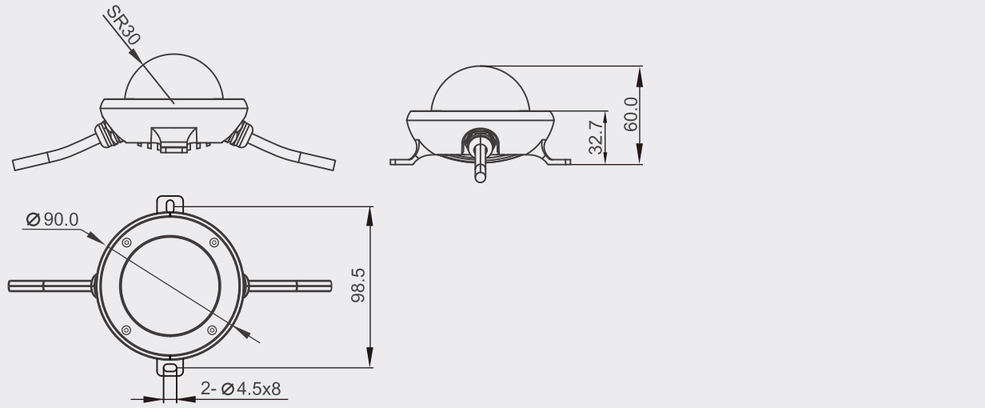


SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RDO90	3	3	90/120/150	2700-5700K	240	80
	5	3		RGB	45	15
	6	3		RGBW	120	40
	6	6		RGB	60	20
	5	6		2700-5700K	480	80
	6	6		RGB	120	20

PRODUCT SIZE

Size :90x60mm (∅*H) Net Weight : 200g



RDO-120

DMX 512 | -25～+55°C | 2700-6000K

IP66 | DC 24V | III

Structure waterproof IP66, matching a variety of light distribution covers.

Luminaire colour code

Graphite Black
RAL9011

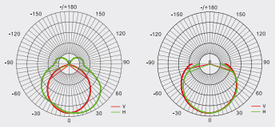
INTRODUCTION

The overall curve design extracts the shape of UFO, and the sense of future science and technology takes into account innovative functional aesthetics. The bottom scroll heat sink has a unique air cooling cycle design, which takes into account the heat dissipation efficiency and beauty, and presents a harmonious aesthetic feeling. Any combination of features can perfectly cover multiple scenarios.

CHARACTERISTICS

- Structure waterproof IP66
- Four kinds of covers: Frosted/transparent/milky/diamond
- External heat dissipation ribs, unique air-cooled circulation design
- Die-casting housing with innovative waterproof construction design to achieve Ip66
- 3 types of cover for variety lighting design requirement
- Cable wire with IP67 connect plug

PHOTOMETRY

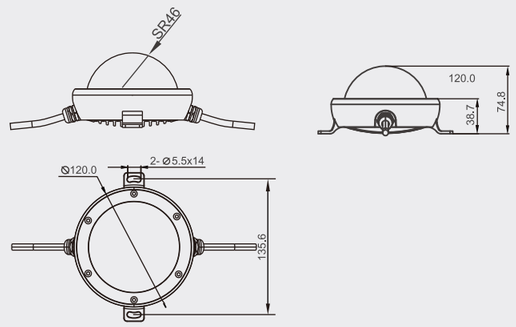


SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RDO120	9	10	120/150	2700-5700K	800	80
	10	10		RGB	150	15
	10	10		RGBW	400	40
	6	7		2700-6000K	560	80
	6	7		RGB	140	20
	6	7		RGBW	280	40

PRODUCT SIZE

Size :120x75mm (∅*H) Net Weight : 500g



RDO-150

DMX 512 | -25～+55°C | 2700-6000K

IP66 | DC 24V | III

Structure waterproof grade IP66, matching a variety of light distribution covers.

Luminaire colour code

Graphite Black
RAL9011

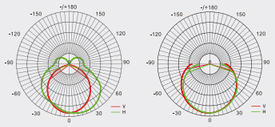
CHARACTERISTICS

- Structure waterproof IP66
- Four kinds of covers: Frosted/transparent/milky/diamond
- External heat dissipation ribs, unique air-cooled circulation design
- Die-casting housing with innovative waterproof construction design to achieve Ip66
- 3 types of cover for variety lighting design requirement
- Cable wire with IP67 connect plug

INTRODUCTION

The overall curve design extracts the shape of UFO, and the sense of future science and technology takes into account innovative functional aesthetics. The bottom scroll heat sink has a unique air cooling cycle design, which takes into account the heat dissipation efficiency and beauty, and presents a harmonious aesthetic feeling. Any combination of features can perfectly cover multiple scenarios.

PHOTOMETRY

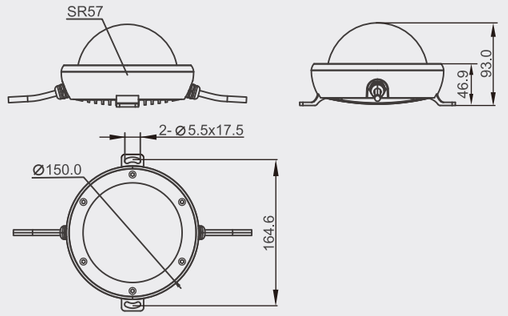


SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RDO150	12	12	120/150	2700-5700K	960	80
	15	15		2700-5700K	1200	80
	12	10		RGB	150	15
	15	12		RGB	180	15
	12	10		RGBW	400	40
	15	12		RGBW	600	40

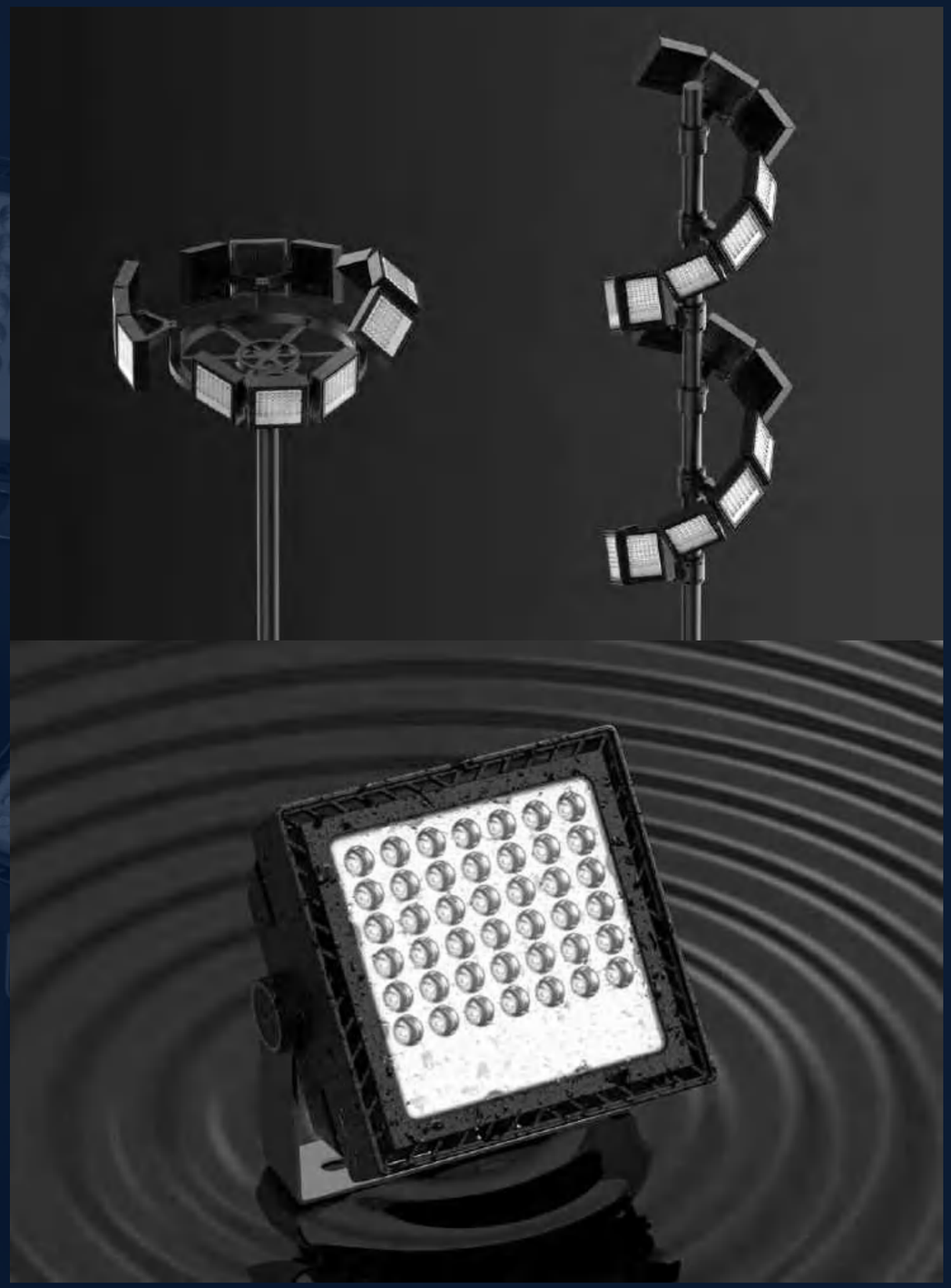
PRODUCT SIZE

Size :150x93mm (∅*H) Net Weight : 500g



SMART
Landscape

MatriX



ROLEDS

SMART Landscape

MatriX

The design inspiration of MatriX series comes from "Lego",which launched the first generation of MatriX with the concept of "changing the way". From 1.0 to 6.0, the MatriX adheres to the development direction of standardization, modularization, plasticity and innovation, constantly innovating and break-through,successfully creating "kilo-watt MatriX", "Colorful MatriX", "Smart MatriX", "extremely narrow MatriX"and other industry's technology leading products.

MatriX

PRODUCT CHARACTERISTICS

CE UL RoHS

Primary light distribution

One-time light distribution technology, Japan Teijin Optical Materials, the center light intensity is industry-leading

IP66 (certified by National Lamp Testing Center)

The design of double T-shaped step protection structure, effectively avoids the siphon phenomenon and improves the protection level

10°adjustment

The floodlight is equipped with a self-designed wheel shaft, with a wheel lock function, and the wind resistance test can reach level 20; it avoids the phenomenon of changing the angle of the lamp after long-term use, and has a convenient angle adjustment function, the minimum adjustment angle can be accurate to 10°

Weathering resistance

The lamp material adopts industrial grade configuration, and the outdoor use can reach -40°C to +55°CThe lamp body is made of aviation aluminum, the thermal conductivity can reach 230W/m*K, and the structure adopts high-efficiency heat conduction technology to improve heat dissipation

More scene applications

In addition to floodlights, wall washers, and inground lights, our products also include wall lights, lawn lights, step lights, and floor spotlights to meet the needs of more scene applications and provide a variety of overall solutions

RDM

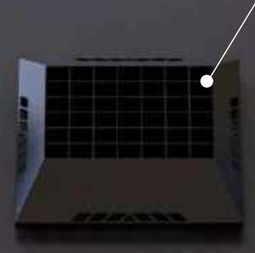
Scalable RDM intelligent control and feedback chip, providing lighting big data support for smart citiesLightning resistance level reaches industrial level 4Unique fool-proof design and anti-voltage surge function support international standard DMX512 control protocol

SMART Landscape

MatriX

Multidimension Hoop

Light Baffle



Grille Louvre

6.0 Light Module

MatriX 7.0

Multidimension Bracket

7.0 Light Module

Build-in Anti-glare Accessories

MatriX 6.0

Bracket Connector

Light Module Connector

Adjusting Scale

MatriX7.0

RFL132

RFL212

RFL162

LED
Flood Light

MatriX

LED FLOOD LIGHT

166 RFL40S
169 RFL40P
172 RFL55P
174 RFL95C
177 RFL120S
182 RFL140S
186 RFL140P
192 RFL180(7in1)
194 RFL210
198 RFL260P
200 RFL132
204 RFL162
208 RFL212
212 RFL155
214 RFL165
216 RFL200
218 RFL220S
220 RFL260

RFL|40S

RFL|40P

RFL|55P

RFL|95C

Power (w)	1-3	1-3	3-6	12
Input Voltage	DC24V	DC24V	DC24V	DC24V
Beam Angle	7/15/25/15*45	7/15/25/15*45	4/7/8/15/20/30/15*45	7/10/15/20/30/40
CCT (K)	2700-6000	2700-6000	2700-6000	2700-6000
RGB/RGBW			●	●
5 in1 Colour				
7 in1 Colour				
Combination				
Anti-glare Accessories	●	●	●	●
Tile Bracket	●	●	●	
Spike	●	●	●	●
DMX512		●	●	●

RFL|120S

RFL|140S

RFL|140P

RFL|180P/7in1

Power (w)	24-192	24-192	45-270	90
Input Voltage	DC24V/AC220V	DC24V/AC220V	DC24V/AC220V	DC24V
Beam Angle	12/22/30/45/60/15*60	4/8/20/35/45/15*45	6/8/20/22/35/45/10*45	12/22/45
CCT (K)	2700-6000	2700-6000	2700-6000	
RGB/RGBW	●	●	●	
5 in1 Colour			●	
7 in1 Colour				●
Combination	●	●	●	
Anti-glare Accessories	●	●	●	●
Universal bracket	●	●	●	
DMX512	●	●	●	●

RFL|210

RFL|260P

RFL|132

RFL|162

RFL|212

RFL|155

RFL|165

RFL|200

RFL|220S

RFL|260

Power (w)	100-900	100	24-72	50-432	72-900		48	72	100	140	180
Input Voltage	AC220V	AC220V	DC24V/AC220V	AC220V	AC220V		AC220V	AC220V	AC220V	AC220V	AC220V
Beam Angle	3.5/5.5/8/15/20/22/35/40/45/60	4/8	4/8/15/30/45/60/15*45	4/8/15/30/45/60/15*45	4/8/15/30/45/60/15*45		8/22/30/45	22/30/45	8/22/30/45	22/30/45	22/30/45
CCT (K)	2700-6000	2700-6000	2700-6000K	2700-6000K	2700-6000K		2700-6000	2700-6000	2700-6000	2700-6000	2700-6000
RGB/RGBW	●	●	●	●	●		●	●	●	●	●
5in 1 Colour	●										
7in 1 Colour	●		●	●	●						
Combination	●		●	●	●						
Anti-glare Accessories	●		●	●	●		●	●	●	●	●
Universal bracket	●		●	●	●		●	●	●	●	
DMX512	●	●	●	●	●		●	●	●	●	●

RFL-40S

-30～+45°C

2700-6000K

IP66

DC 24V

Ultra mini size, various accessories, diamonring-shape bracket flood light.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

7° 15° 25° 15x45°

Anti-glare Baffle(Y)

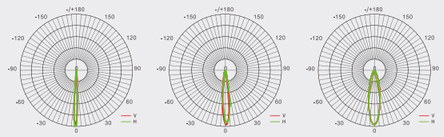
CHARACTERISTICS

- Super small volume, good concealment
- Matching multiple installation racks, flexible installation method
- Multiple anti-glare accessories optional
- Especially suitable for application like ancient buildings and temples etc
- Small and delicate appearance,good concealment
- Multiple installation racks can be matched,flexible installation
- Multiple anti-glare accessories optional
- Automatic intelligent manufacturing

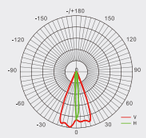
INTRODUCTION

RFL40S is light weight, compact and easy to conceal. High efficiency LED manufacturing achieves good quality and aesthetic appearance, energy saving and high performance. Due to the long life of the light source, the light can be successfully used in hard to access areas and high places such as production sites, warehouses, sports centers, parking lots, facades, industrial buildings.

PHOTOMETRY



Beam Angle (FWHM):7° Beam Angle (FWHM) : 15° Beam Angle (FWHM) : 25°



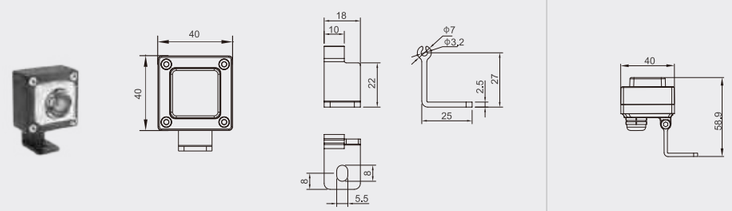
Beam Angle (FWHM) : 15x45°

SPECIFICATION

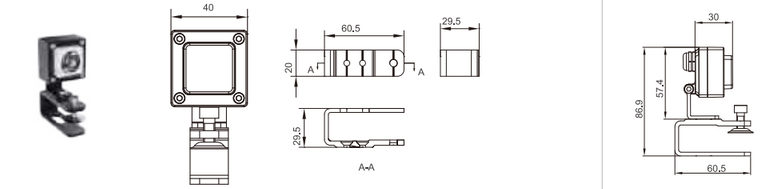
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL40S	1	1-3	7/15/25/15x45	2700-6000K	77-261	77-87

PRODUCT SIZE

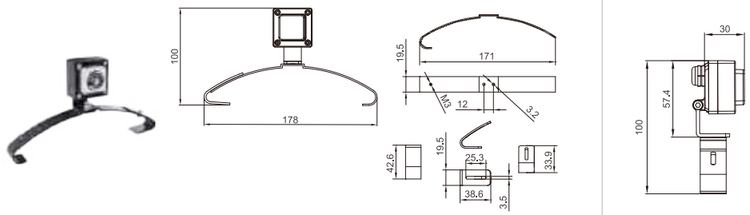
RFL40S DC24V Size：40×40×58.9mm Net Weight：0.12Kg



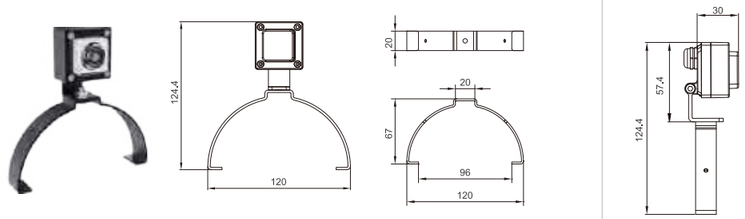
RFL40S DC24V Size：40×60.5×86.9mm Net Weight：0.12Kg



RFL40S DC24V Size：178×37.4×93.7mm Net Weight：0.15kg



RFL40S DC24V Size：120×37.4×118mm Net Weight：0.15kg



RFL-40P

DMX 512 | -30～+45°C | 2700-6000K

IP66 | DC 24V

Ultra mini size, various accessories, diamonring-shape bracket flood light.

Luminaire colour code

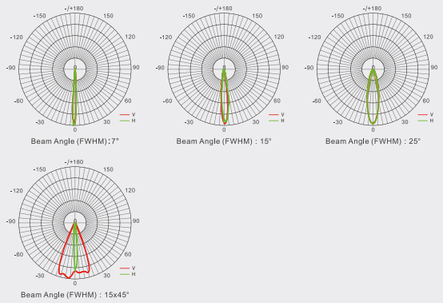
Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

INTRODUCTION

RFL40P is light weight, compact and easy to conceal. High efficiency LED manufacturing achieves good quality and aesthetic appearance, energy saving and high performance. Due to the long life of the light source, the light can be successfully used in hard to access areas and high places such as production sites, warehouses, sports centers, parking lots, facades, industrial buildings.

Anti-glare Baffle(Y)

PHOTOMETRY



CHARACTERISTICS

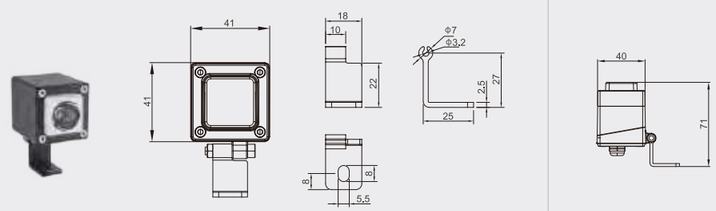
- Super small volume, good concealment
- Matching multiple installation racks, flexible installation method
- Multiple anti-glare accessories optional
- Especially suitable for application like ancient buildings and temples etc
- Small and delicate appearance,good concealment
- Multiple installation racks can be matched,flexible installation
- Multiple anti-glare accessories optional
- Automatic intelligent manufacturing

| SPECIFICATION |

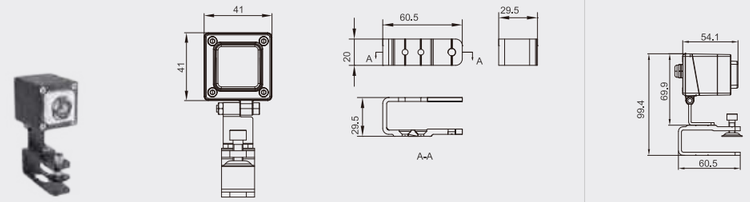
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL40P	1	1-3	7/15/25/15x45	2700-6000K	77-261	77-87

| PRODUCT SIZE |

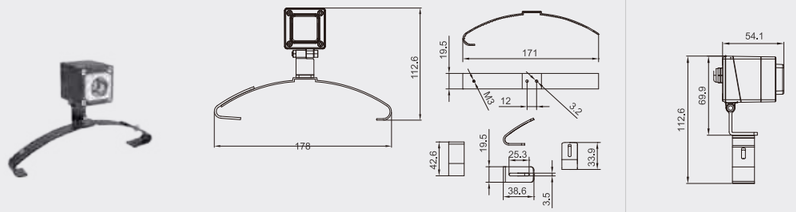
RFL40P DC24V Size：40×40×58.9mm Net Weight：0.12Kg



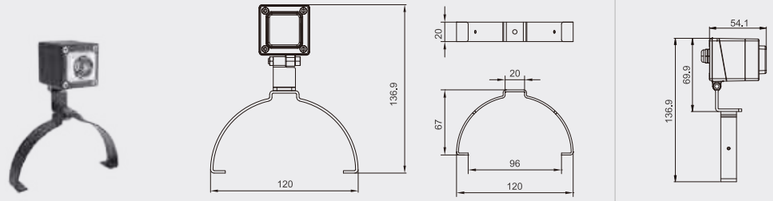
RFL40P DC24V Size：40×60.5×86.9mm Net Weight：0.12Kg



RFL40P DC24V Size：178×37.4×93.7mm Net Weight：0.15kg



RFL40P DC24V Size：120×37.4×118mm Net Weight：0.15kg



RFL-55P

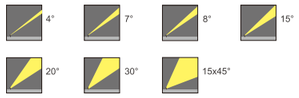
DMX 512 | -30～+45°C | 2700-5700K

IP66 | DC 24V

Small size , die-cast integrated floodlight.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



| INTRODUCTION |

RFL55P is light weight, compact and easy to conceal. High efficiency LED manufacturing achieves good quality and aesthetic appearance, energy saving and high performance. Due to the long life of the light source, the light can be successfully used in hard to access areas and high places such as production sites, warehouses, sports centers, parking lots, facades, industrial buildings.

CHARACTERISTICS

- Small and delicate appearance,good concealment.
- Multiple installation racks can be matched,flexible installation.Multiple anti-glare accessories optional.
- Widely applied in small columns,narrow space etc, like temples
- Small and delicate appearance,good concealment
- Multiple installation racks can be matched,flexible installation
- Multiple anti-glare accessories optional
- Automatic intelligent manufacturing

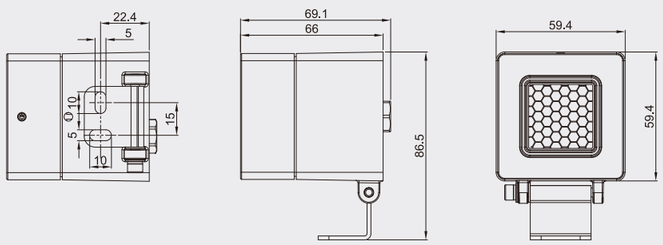
| PHOTOMETRY |

| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL55P	1	3	4	2700-6000K	130	43
		6	15/30	RGBW	160-330	26-55
	3	6	7/20/30	2700-6000K	290-420	48-70
				RGB	108-150	18-25
				RGBW	190-195	31-33
	4	8	8/15/30/15x45	2700-6000K	465-610	58-76

| PRODUCT SIZE |

RFL55P DC24V **Size**:59.4x59x86.5mm **Net Weight**:0.28kg



RFL-95C

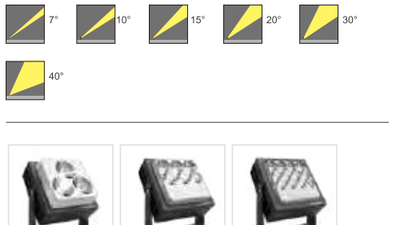
DMX 512 | -30～+45°C | 2700-6000K

IP66 | DC 24V

Small and luxurious, Low-power, Full color.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



Anti-glare Baffle(Y)

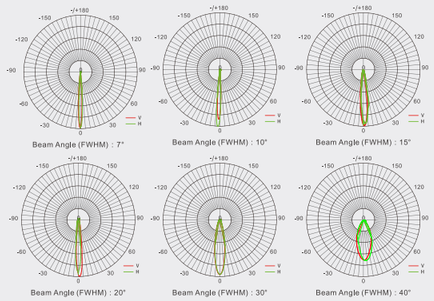
CHARACTERISTICS

- > Superior cost effective floodlights
- > Mono color,RGB, RGBW, RGBA optional Mulitple anti-glare accessories optional
- > Can be applied in parks, greenery, trees, bridges, bodies, urban buildings and other scenes
- > Small and delicate appearance,good concealment
- > Multiple installation racks can be matched,flexible installation
- > Multiple anti-glare accessories optional
- > Automatic intelligent manufacturing

INTRODUCTION

RFL95C is light weight, compact and easy to conceal. High efficiency LED manufacturing achieves good quality and aesthetic appearance, energy saving and high performance. Due to the long life of the light source, the light can be successfully used in hard to access areas and high places such as production sites, warehouses, sports centers, parking lots, facades, industrial buildings.

PHOTOMETRY

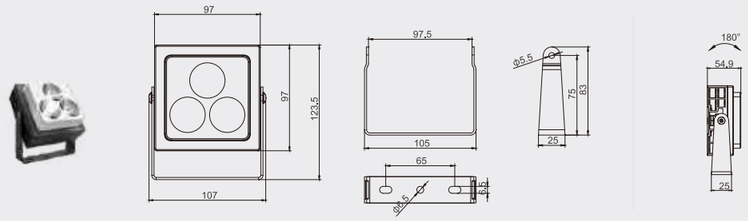


SPECIFICATION

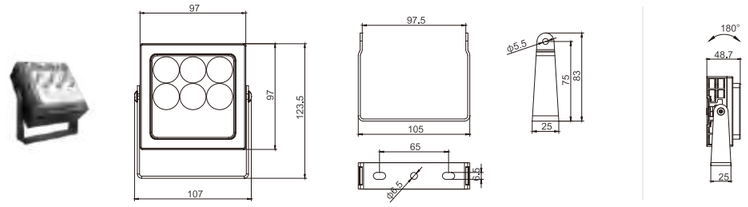
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL95C	3	12	10/15/30	RGBW 4 in1	413-435	33-35
	6	12	7	2700-6000K	1007	86
	12	12	15/20/30/40	2700-6000K	1062-1099	92-95
				RGB	559-593	46-49
				RGBW	646-664	59-61

PRODUCT SIZE

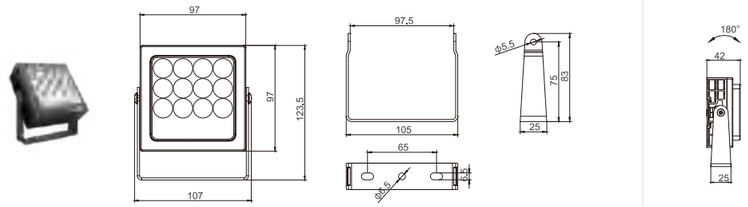
RFL95C DC24V Size：107×54.9×123.5mm Net Weight：0.4kg



RFL95C DC24V Size：107×48.7×123.5mm Net Weight：0.4kg



RFL95C DC24V Size：107×42×123.5mm Net Weight：0.4kg



DMX 512 | -30～+45°C | 2700-6000K

IP66 | DC 24V | AC110V - 220V / AC220V

Flexible combination, multi-angle selection, full color coverage.

Luminaire colour code

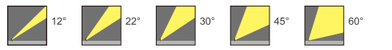
Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

RFL-120S

INTRODUCTION

RFL120S adopts integrated design with elegant and smooth shape, which is more suitable for modern city. The classic gear locking device ensures the stability of projection direction and the accuracy of focus. The innovative detachable mechanical connection design, with professional locking accessories, can be freely and flexibly combined and spliced to meet the secondary combination on site.

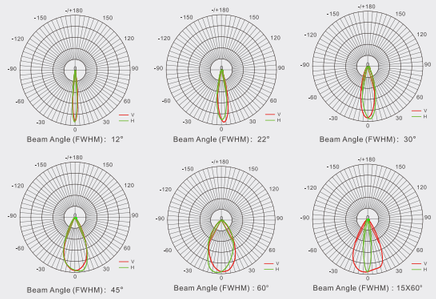
Anti-glare Baffle(Y)



CHARACTERISTICS

- Superior cost effective floodlights
- Mono color,RGB, RGBW, RGBA optional
  Mulitple anti-glare accessories optional
- Can be applied in parks, greenery, trees, bridges, bodies, urban buildings and other scenes
- High efficient optics provide efficient, glare free light and even light distribution
- Imported PC integrated lens
- Automatic intelligent manu-facturing

PHOTOMETRY

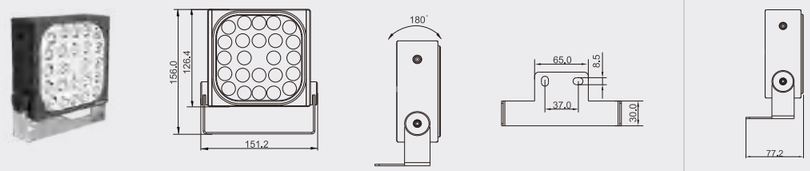


| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL120S(1*1) DC24V	24	24	12/22/30/45/ 60/15x60	2700-6000K	2370-2555	99-110
				RGB	1265-1408	50-56
				RGBW	1474-1567	59-62

| PRODUCT SIZE |

RFL120S DC24V Size：151.2x77.2x156mm Net Weight：0.9kg

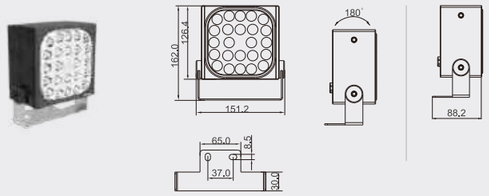


| SPECIFICATION |

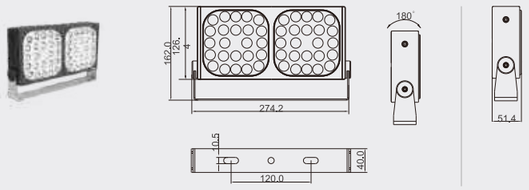
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL120S(1*1) AC220V	24	24	12/22/30/45/ 60/15x60	2700-6000K	2277-2583	88-98
				RGB	1210-1373	46-49
				RGBW	1451-1572	52-56
RFL120S(1*2) DC24V	48	48	12/22/30/45/ 60/15x60	2700-6000K	4645-5007	95-105
				RGB	2479-2759	48-53
				RGBW	2889-3071	56-59
RFL120S(1*2) AC220V	48	48	12/22/30/45/ 60/15x60	2700-6000K	4552-4907	85-95
				RGB	2429-2704	43-48
				RGBW	2831-3009	50-53
RFL120S(1*3) DC24V	72	72	12/22/30/45/ 60/15x60	2700-6000K	7015-7562	95-105
				RGB	3744-4167	48-53
				RGBW	4416-4638	56-59
RFL120S(1*3) AC220V	72	72	12/22/30/45/ 60/15x60	2700-6000K	6874-7411	85-95
				RGB	3669-4084	43-48
				RGBW	4275-4545	50-53
RFL120S(1*4) DC24V	96	96	12/22/30/45/ 60/15x60	2700-6000K	9385-10117	95-105
				RGB	5009-5575	48-53
				RGBW	5837-6205	56-59
RFL120S(1*4) AC220V	96	96	12/22/30/45/ 60/15x60	2700-6000K	9197-9915	85-95
				RGB	4909-5464	43-48
				RGBW	5720-6081	50-53
RFL120S(2*2) DC24V	96	96	12/22/30/45/ 60/15x60	2700-6000K	9385-10117	95-105
				RGB	5009-5575	48-53
				RGBW	5837-6205	56-59
RFL120S(2*2) AC220V	96	96	12/22/30/45/ 60/15x60	2700-6000K	9197-9915	85-95
				RGB	4909-5464	43-48
				RGBW	5720-6081	50-53
RFL120S(2*3) AC220V	144	144	12/22/30/45/ 60/15x60	2700-6000K	13842-14923	85-95
				RGB	7388-8223	43-48
				RGBW	8609-9152	50-53
RFL120S(2*4) AC220V	192	192	12/22/30/45/ 60/15x60	2700-6000K	18487-19931	85-95
				RGB	9868-10983	43-48
				RGBW	11498-12223	50-53

| PRODUCT SIZE |

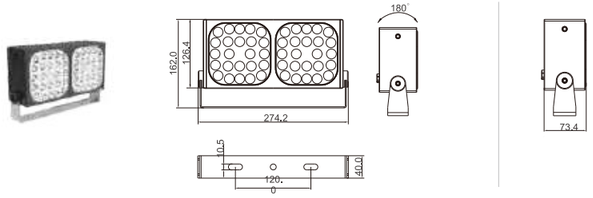
RFL120S AC220V Size：151.2x88.23x162mm Net Weight：1.4kg



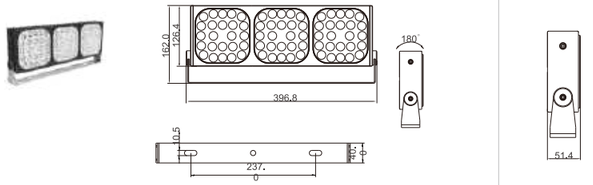
RFL120S DC24V Size：274.2x51.4x162mm Net Weight：1.3kg



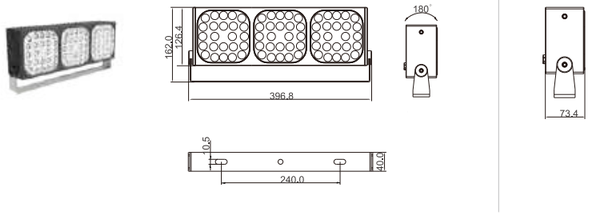
RFL120S AC220V Size：274.2x73.4x162mm Net Weight：2.3kg



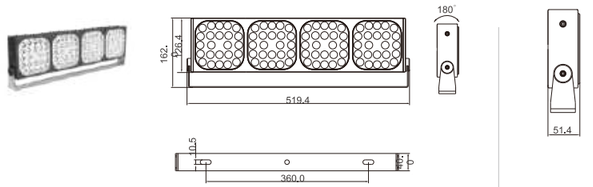
RFL120S DC24V Size：396.8x51.4x162mm Net Weight：2.1kg



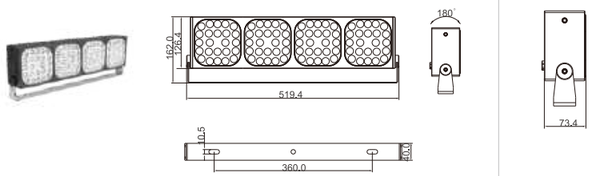
RFL120S AC220V Size：396.8x73.4x162mm Net Weight：2.8kg



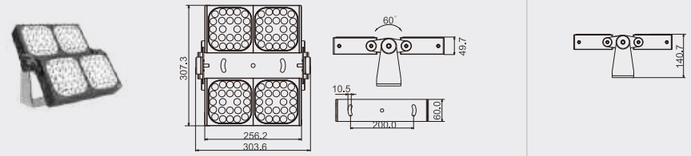
RFL120S DC24V Size：519.4x51.4x162mm Net Weight：3.1kg



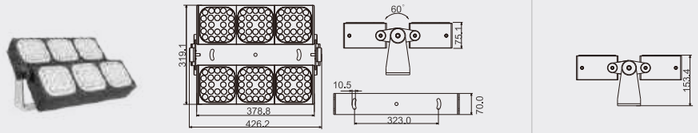
RFL120S AC220V Size：519.4x73.4x162mm Net Weight：3.3kg



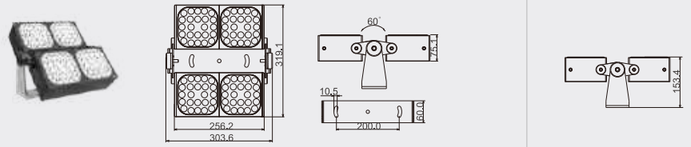
RFL120S DC24V Size：303.6x307.3x140.7mm Net Weight：3.8kg



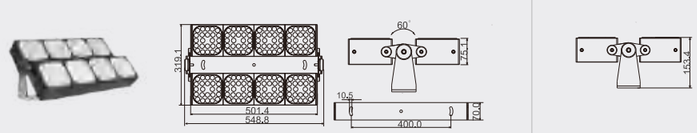
RFL120S AC220V Size：426.2x319.1x153.4mm Net Weight：5.7kg



RFL120S AC220V Size：303.6x319.1x153.4mm Net Weight：4.3kg



RFL120S AC220V Size：548.8x153.4x319.1mm Net Weight：6.4kg



RFL-140S

DMX 512 | -30～+45°C | 2700-6000K

IP66 | DC 24V | AC110V - 220V / AC220V

Narrow beam, flexible combination, classical.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

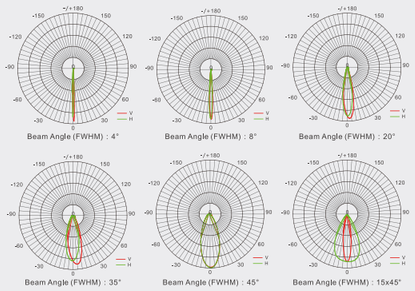
| INTRODUCTION |

RFL140S adopts integrated design with elegant and smooth shape, which is more suitable for modern city. The classic gear locking device ensures the stability of projection direction and the accuracy of focus. The innovative detachable mechanical connection design, with professional locking accessories, can be freely and flexibly combined and spliced to meet the secondary combination on site.

CHARACTERISTICS

- > High end medium/high power floodlights
- > Mono color,RGB, RGBW, RGBA optional
- > Ultra narrow beam lens available
- > Multiple anti-glare accessories optional
- > Can be applied in bridges, building facade, sculpture and trees etc
- > High efficient optics provide efficient, glare free light and even light distribution
- > Imported PC integrated lens
- > Automatic intelligent manu-facturing

| PHOTOMETRY |

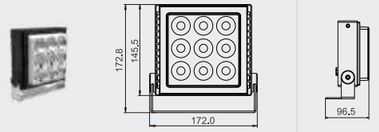


| SPECIFICATION |

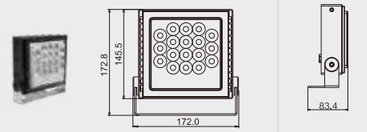
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL140S (1*1) DC24V	9	24	4	2700-6000K	1574	68
				RGB	928	43
	18	24	8/20/30/45/15x45	2700-6000K	1958-2219	86-98
				RGB	951-1098	41-48
RFL140S (1*1) AC220V	9	24	4	2700-6000K	1543	65
				RGB	910	40
	18	24	8/20/30/45/15x45	2700-6000K	1918-2174	77-88
				RGB	931-1076	36-43

| PRODUCT SIZE |

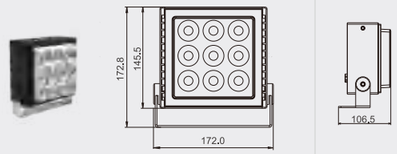
RFL140S DC24V
Size：**172.0x96.5x172.8mm** Net Weight：**1.2kg**



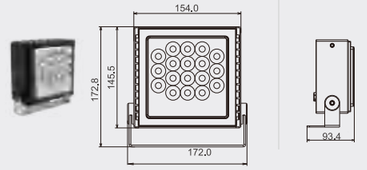
RFL140S DC24V
Size：**172.0x83.4x172.8mm** Net Weight：**1.2kg**

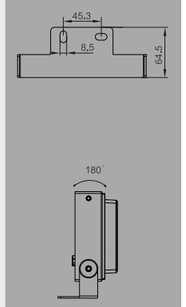


RFL140S AC220V
Size：**172.0x106.5x172.8mm** Net Weight：**1.8kg**



RFL140S AC220V
Size：172.0x93.4x172.8mm Net Weight：1.8kg



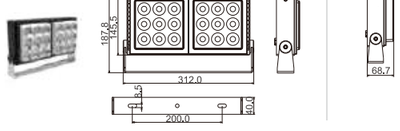


SPECIFICATION

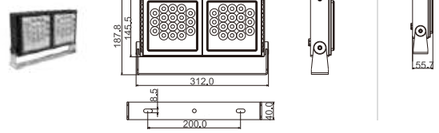
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL140S (1*2) DC24V	18	48	4	2700-6000K	3120	65
				RGB	1820	42
	36	48	8/20/30/45/15x45	2700-6000K	3837-4413	82-94
				RGB	1863-2128	39-46
RFL140S (1*2) AC220V	18	48	4	2700-6000K	2974	62
				RGB	1784	39
	36	48	8/20/30/45/15x45	2700-6000K	3760-4352	74-88
				RGB	1826-2067	35-49
RFL140S (1*3) DC24V	27	72	4	2700-6000K	4659	65
				RGB	2749	41
	54	72	8/20/30/45/15x45	2700-6000K	5795-6568	82-94
				RGB	2814-3250	39-46
RFL140S (1*3) AC220V	27	72	4	2700-6000K	4566	58
				RGB	2674	38
	54	72	8/20/30/45/15x45	2700-6000K	5679-6436	74-84
				RGB	2758-3185	35-41
RFL140S (1*4) DC24V	36	96	4	2700-6000K	6233	65
				RGB	3678	40
	72	96	8/20/30/45/15x45	2700-6000K	7753-8787	82-94
				RGB	3765-4348	39-46
RFL140S (1*4) AC220V	36	96	4	2700-6000K	6108	58
				RGB	3580	37
	72	96	8/20/30/45/15x45	2700-6000K	7598-8611	74-84
				RGB	3690-4261	35-41
RFL140S (2*2) DC24V	36	96	4	2700-6000K	6233	65
				RGB	3678	40
	72	96	8/20/30/45/15x45	2700-6000K	7753-8787	82-94
				RGB	3765-4348	39-46
RFL140S (2*2) AC220V	36	96	4	2700-6000K	6108	58
				RGB	3580	37
	72	96	8/20/35/45/15x45	2700-6000K	7598-8611	74-84
				RGB	3690-4261	35-41
RFL140S (2*3) AC220V	54	144	4	2700-6000K	9551	58
				RGB	5295	36
	108	144	8/20/35/45/15x45	2700-6000K	11436-12960	74-84
				RGB	5554-6413	35-41
RFL140S (2*4) AC220V	72	192	4	2700-6000K	12278	58
				RGB	6946	35
	144	192	8/20/35/45/15x45	2700-6000K	15273-17309	74-84
				RGB	7418-8565	35-41

PRODUCT SIZE

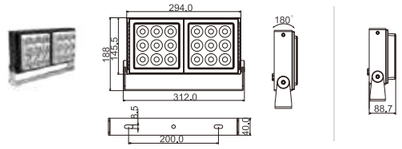
RFL140S DC24V Size：12.0x68.7x187.8mm Net Weight：1.8kg



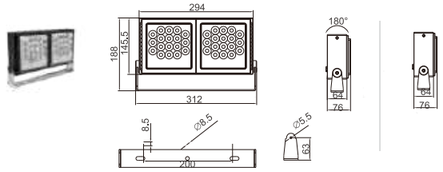
RFL140S DC24V Size：312.0x55.7x187.8mm Net Weight：1.8kg



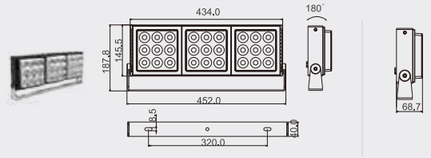
RFL140S AC220V Size：312.0x88.7x188mm Net Weight：2.4kg



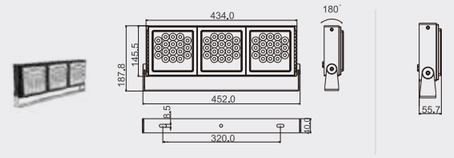
RFL140S AC220V Size：312.0x76x188mm Net Weight：2.4kg



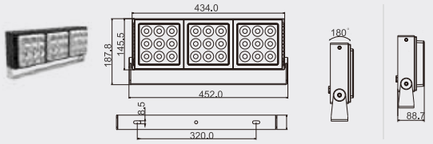
RFL140S DC24V Size：452x68.7x187.8mm Net Weight：2.6kg



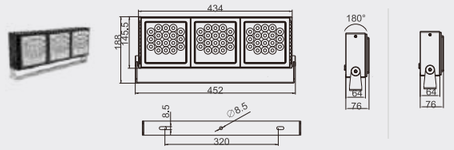
RFL140S DC24V Size：452x55.7x187.8mm Net Weight：2.6kg



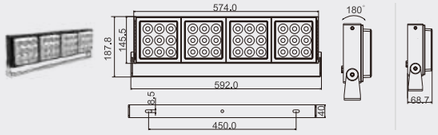
RFL140S AC220V Size：452x88.7x188mm Net Weight：3.2kg



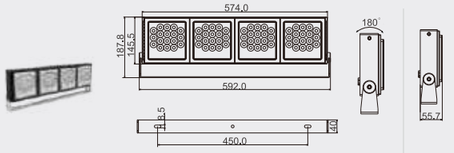
RFL140S AC220V Size：452×76×188mm Net Weight：3.2kg



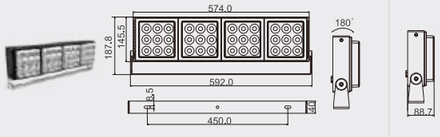
RFL140S DC24V Size：592x68.7x187.8mm Net Weight：3.7kg



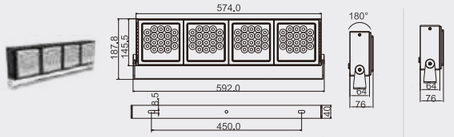
RFL140S DC24V Size：592x55.7x187.8mm Net Weight：3.7kg



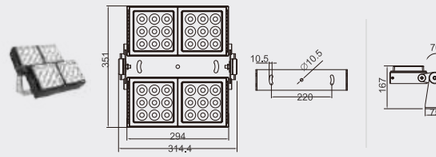
RFL140S AC220V Size：592x88.7x188mm Net Weight：5.1kg



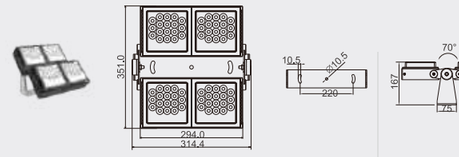
RFL140S AC220V Size：592×76×188mm Net Weight：5.1kg



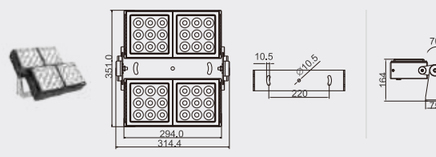
RFL140S DC24V Size：314.4 x351×167mm Net Weight：5.0kg



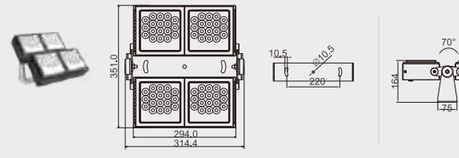
RFL140S DC24V Size：314.4x351x167mm Net Weight：5.0kg



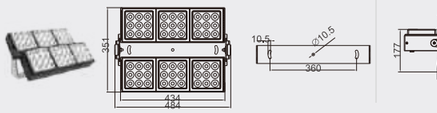
RFL140S AC220V Size：314.4x351x164mm Net Weight：5.0kg



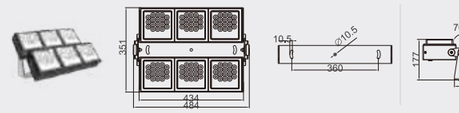
RFL140S AC220V Size：314.4x351x164mm Net Weight：5.0kg



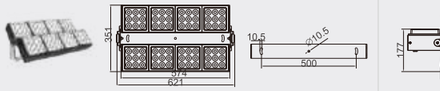
RFL140S AC220V Size：484x351x177mm Net Weight：6.7kg



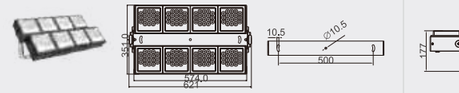
RFL140S AC220V Size：484x351x163.7mm Net Weight：6.7kg



RFL140S AC220V Size：621x351x77mm Net Weight：11.7kg



RFL140S AC220V Size：621x351x177mm Net Weight：11.7kg



RFL-140P

DMX 512 | -30～+45°C | 2700-6000K

IP66 | DC 24V | AC110V - 220V / AC220V | CE

Flexible combination, uniform mixing color. Full-color narrow beam floodlight.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

Anti-glare Baffle(Y)

CHARACTERISTICS

- > High end medium/high power floodlights
- > Mono color,RGB, RGBW, RGBA optional
- > Ultra narrow beam lens available
- > Multiple anti-glare accessories optional
- > Can be applied in bridges, building facade, sculpture and trees etc
- > High efficient optics provide efficient, glare free light and even light distribution
- > Imported PC integrated lens
- > Automatic intelligent manu-facturing

| INTRODUCTION |

RFL140P adopts integrated design with elegant and smooth shape, which is more suitable for modern city. The classic gear locking device ensures the stability of projection direction and the accuracy of focus. The innovative detachable mechanical connection design, with professional locking accessories, can be freely and flexibly combined and spliced to meet the secondary combination on site.

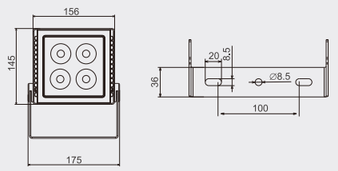
| PHOTOMETRY |

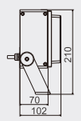
| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL 140P(1*1) DC24V	4	45	6	RGBW 4 in1	1009	25
	6	45	22/45	RGBW 4 in1	1640-1849	40-45
	18	45	8/20/30/45/15x45	2700-6000K	3452-3607	70-76
				RGB	1185-1333	30-34

| PRODUCT SIZE |

RFL140P DC24V Size：**175x102x210mm** Net Weight：**1.8kg**



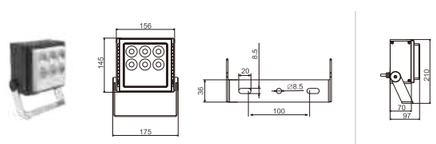


SPECIFICATION

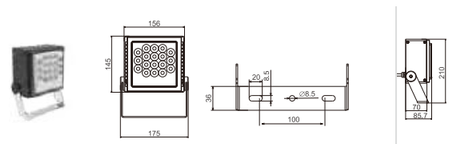
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL 140P(1*1) AC220V	4	45	6	RGBW 4 in1	1009	25
	6	45	22/45	RGBW 4 in1	1640-1849	40-45
	18	45	8/20/30/45/15x45	2700-6000K	3452-3607	70-76
				RGB	1185-1333	30-34
RFL 140P(1*2) AC220V	8	90	6	RGBW 4 in1	2018	25
	12	90	22/45	RGBW 4 in1	3280-3698	40-45
	36	90	8/20/30/45/15x45	2700-6000K	6304-7215	70-76
				RGB	2371-2666	30-34
RFL 140P(1*3) AC220V	12	135	6	RGBW 4 in1	3027	25
	18	135	22/45	RGBW 4 in1	4920-5547	40-45
	54	135	8/20/30/45/15x45	2700-6000K	9456-10823	70-75
				RGB	3557-4000	30-34
RFL 140P(2*2) AC220V	16	180	6	RGBW 4 in1	4500	25
	24	180	22/45	RGBW 4 in1	7200-8100	40-45
	72	180	8/20/30/45/15x45	2700-6000K	12600-13500	70-75
				RGB	5400-6120	30-34
RFL 140P(2*3) AC220V	24	270	6	RGBW 4 in1	6054	25
	36	270	22/45	RGBW 4 in1	9841-11095	40-45
	108	270	8/20/30/45/15x45	2700-6000K	18913-21646	70-75
				RGB	7114-8000	30-34

Product Size

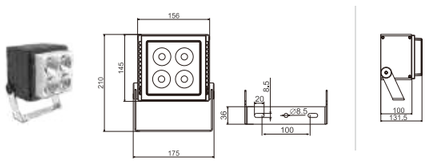
RFL140P DC24V Size：175x97x210mm Net Weight：1.8kg



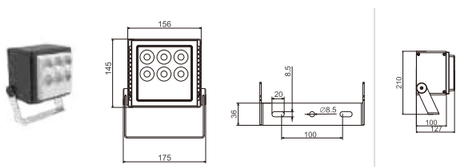
RFL140P DC24V Size：175x85.7x210mm Net Weight：1.8kg



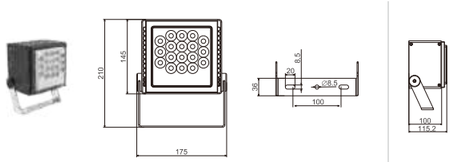
RFL140P AC220V Size：175x131.5x210mm Net Weight：2.3kg



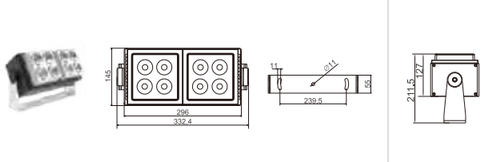
RFL140P AC220V Size：175x127x210mm Net Weight：2.3kg



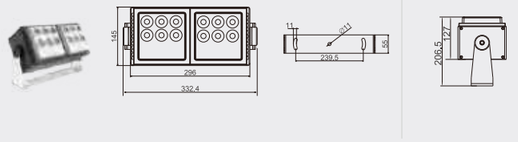
RFL140P AC220V Size：175x115.2x210mm Net Weight：2.3kg



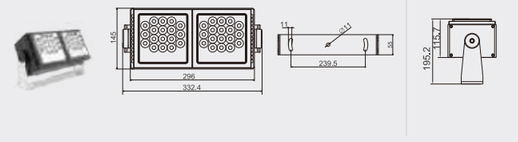
RFL140P AC220V Size：332.4x145x211.5mm Net Weight：3.5kg



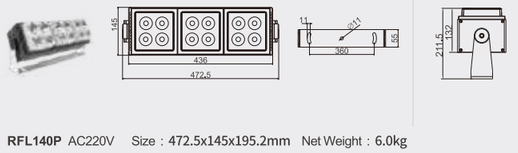
RFL140P AC220V Size：332.4x145x206.5mm Net Weight：3.5kg



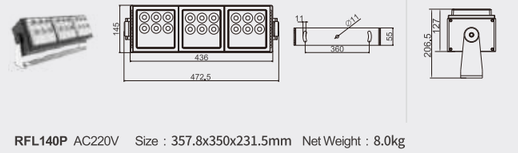
RFL140P AC220V Size：332.4x145x195.2mm Net Weight：3.5kg



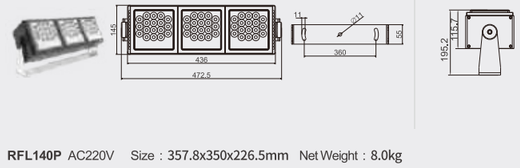
RFL140P AC220V Size：472.5x145x211.5mm Net Weight：6.0kg



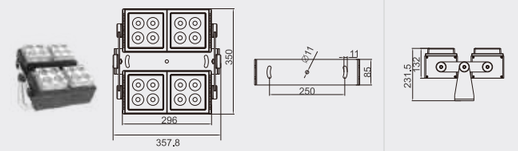
RFL140P AC220V Size：472.5x145x206.5mm Net Weight：6.0kg



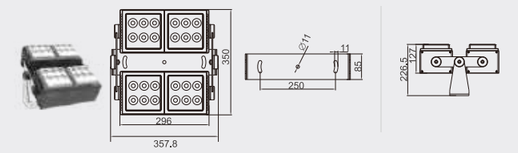
RFL140P AC220V Size：472.5x145x195.2mm Net Weight：6.0kg



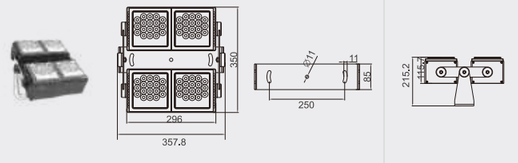
RFL140P AC220V Size：357.8x350x231.5mm Net Weight：8.0kg



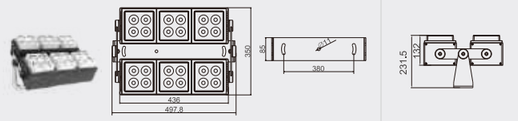
RFL140P AC220V Size：357.8x350x226.5mm Net Weight：8.0kg



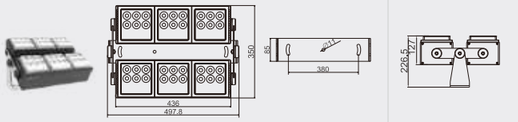
RFL140P AC220V Size：357.8x350x215.2mm Net Weight：8.0kg



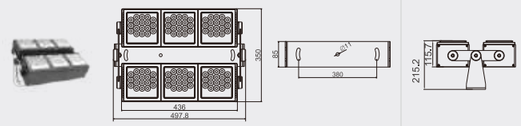
RFL140P AC220V Size：497.8x350x231.5mm Net Weight：13.0kg



RFL140P AC220V Size：497.8x350x226.5mm Net Weight：13.0kg



RFL140P AC220V Size：497.8x350x215.2mm Net Weight：13.0kg



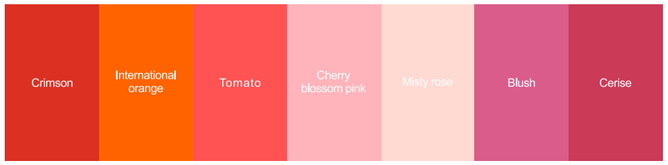
ROLEDS

INTELLIGENT

MatriX

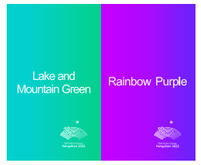
ROLEDS Digital
Photochromic System

▸ Rizhao red series



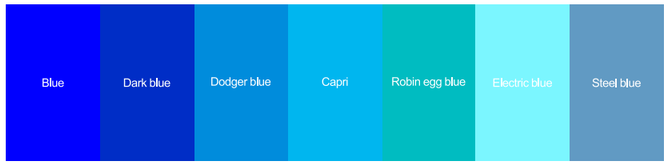
▸ Asian Games color series

▸ Antique yellow series



▸ Qiyun purple series

▸ Ice moon blue series



▸ Jump green series

RFL-180P(7in1)

DMX 512 | -30～+45℃ | 7in1

IP66 | DC 24V | AC110V - 220V / AC220V

High-end design to satisfy designers' infinite imaginationby innovative floodlights.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

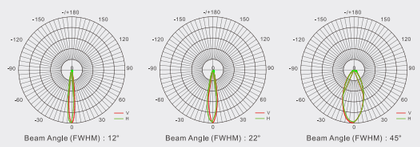
INTRODUCTION

RFL180P achieves precise projection at a long distance with an extremely narrow angle of 3.5. Equipped with ROLLEDS digital colorful lighting system, it can meet designers' individual requirements for artistic expression and color.

CHARACTERISTICS

- 7 in 1 superior light technology
- Wider color gamut; multi-body lens, mixing light more uniformly and more saturated
- Self-developed light mixing algorithm calculation, high color saturation, restore the real color
- DMX wired control: large-scale group centralized control, strong reliability and stability
- Blue wireless control: flexible control in a small range, convenient adjustment, and strong interaction
- The seven-in-one mixing algorithm technology can realize multi-channel control, more mixing forms, more uniform mixing, and restore natural artistic colors
- The streamlined and efficient heat dissipation design of the whole lamp makes the lamp safe and stable at all times

PHOTOMETRY

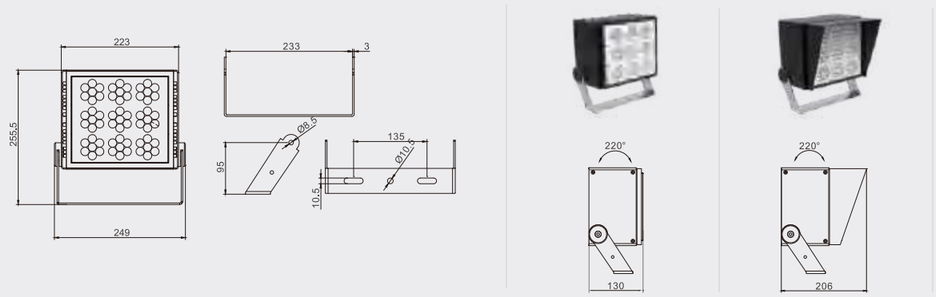


SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL180P(7in1)	63	90	12/22/45	7in1	3875-4124	43-46

PRODUCT SIZE

RFL180P AC220V Size：249×255.5×130mm Net Weight：4.6kg



RFL-210

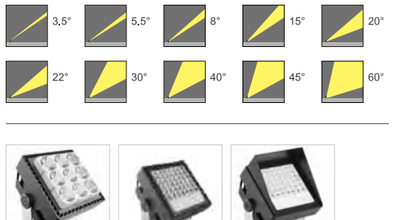
DMX 512 | -30～+45°C | 2700-6000K

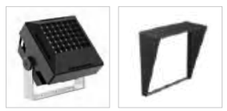
IP66 | AC 220V

Free combination, flexible splicing, multiple anti-glare accessories optional.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



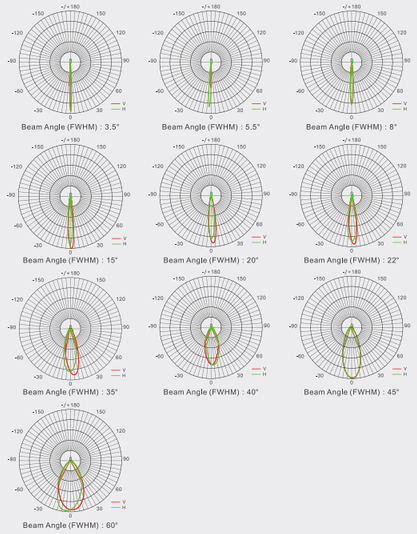


Anti-glare Baffle(Y)

CHARACTERISTICS

- Free combination, flexible splicing, innovative detachable mechanical connection design, easy on-site installation and disassembly
- Fully automated single module production, stable quality and fast shipment
- Ultra-thin centrifugal heat dissipation design, higher heat dissipation efficiency, lighter, thinner and more compact body, easy to hide
- A variety of anti-glare accessories are available, suitable for all kinds of environments (the anti-glare accessories can be added and replaced on site)
- Can meet 100w to 900w even more through combination
- High efficient optics provide efficient, glare free light and even light distribution
- Imported PC integrated lens
- Automatic intelligent manu-facturing

| PHOTOMETRY |



The Main Venue of SCO Summit Qingdao

| INTRODUCTION |

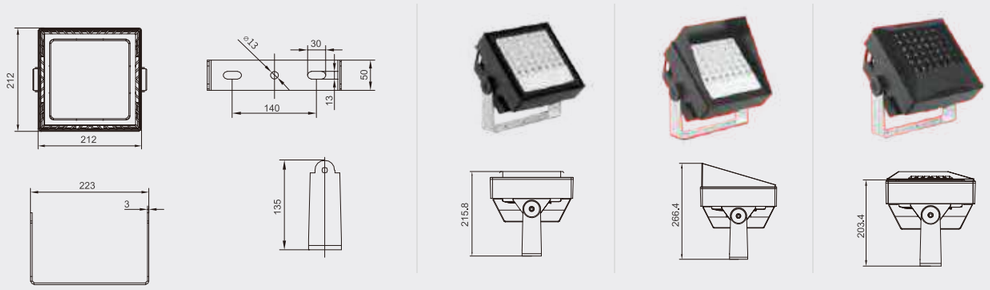
RFL210 adopts integrated design with elegant and smooth shape, which is more suitable for modern city. The classic gear locking device ensures the stability of projection direction and the accuracy of focus. The innovative detachable mechanical connection design, with professional locking accessories, can be freely and flexibly combined and spliced to meet the secondary combination on site.

| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL210(1*1)	9	100	3.5	2700-6000K	6775	67.75
			5.5/22/40	RGBW 4in 1	2400-3100	24-31
	42	100	8/15/20/30/45/60	2700-6500K	5900-7380	59-73
				RGB	2800-3200	28-32
				RGBW	4590-5670	45.9-56.7

| PRODUCT SIZE |

RFL210 Size：233 x212x 203mm Net Weight：4.5kg

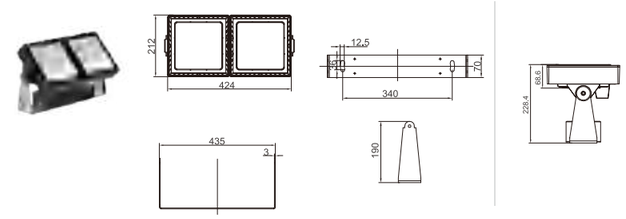


SPECIFICATION

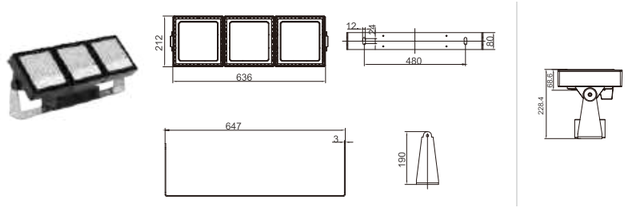
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL210(1*2)	18	200	3.5	2700-6000K	13350	66.75
			5.5/22/40	RGBW 4in 1	4246-5652	21.23-28.26
	84	200	8/15/20/30/45/60	2700-6500K	14040-14260	70.2-71.3
				RGB	7020-7130	35.1-35.65
				RGBW	7722-7842	38.61-39.21
RFL210(1*3)	27	300	3.5	2700-6000K	20325	67.75
			5.5/22/40	RGBW 4in 1	6369-8478	21.23-28.26
	126	300	8/15/20/305/45/60	2700-6500K	21060-21390	70.2-71.3
				RGB	10530-10695	35.1-35.65
				RGBW	11583-11763	38.61-39.21
RFL210(2*2)	36	400	3.5	2700-6000K	27100	67.75
			5.5/22/40	RGBW 4in 1	8492-11224	21.23-28.06
	168	400	8/15/20/30/45/60	2700-6500K	28080-28520	70.2-71.3
				RGB	14040-14260	35.1-35.65
				RGBW	15444-15684	38.61-39.21
RFL210(2*3)	54	600	3.5	2700-6000K	40650	67.75
			5.5/22/40	RGBW 4in 1	12738-16956	21.23-28.26
	252	600	8/15/20/30/45/60	2700-6500K	42120-42780	70.2-71.3
				RGB	21060-21390	35.1-35.65
				RGBW	23166-23526	38.61-39.21
RFL210(3*3)	81	900	3.5	2700-6000K	60975	67.75
			5.5/22/40	RGBW 4in 1	19107-25434	21.23-28.26
	378	900	8/15/20/30/45/60	2700-6500K	63180-64170	70.2-71.3
				RGB	31590-32085	35.1-35.65
				RGBW	34749-35289	38.61-39.21

PRODUCT SIZE

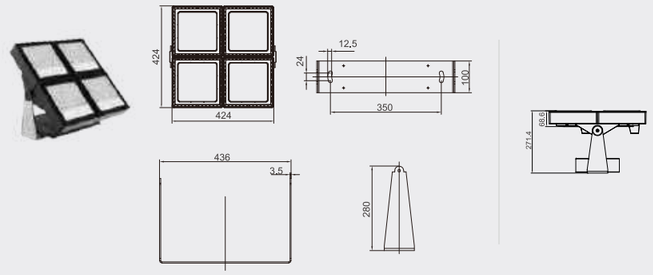
RFL210 Size：445x212x 218mm Net Weight：7.8kg



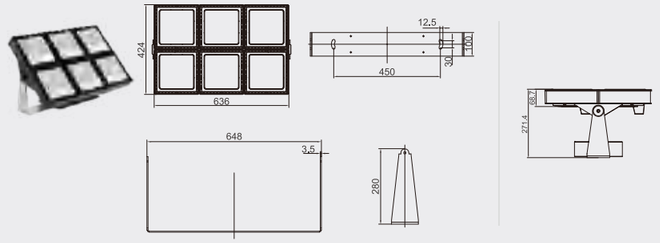
RFL210 Size：657 x212x 228 mm Net Weight：11kg



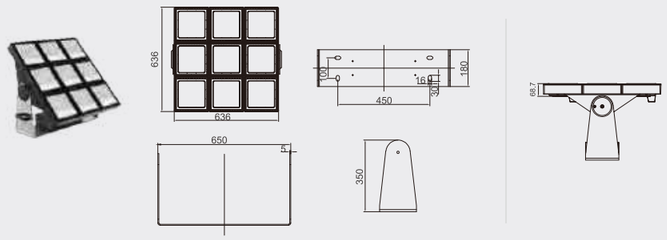
RFL210 Size：443.9 x424x 271 mm Net Weight：14.5kg



RFL210 Size：655.9 x424x 271mm Net Weight：22kg



RFL210 Size：672x413x 636 mm Net Weight：42kg



RFL-260P

DMX 512 | -40～+50°C | 2700-6500K | 4in1

IP66 | IK05 | AC 220V

Free combination,flexible splicinng.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

Anti-glare Baffle(Y)

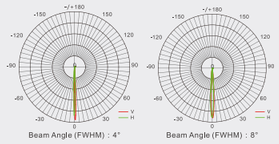
INTRODUCTION

RFL260P adopts integrated design with elegant and smooth shape, which is more suitable for modern city. The classic gear locking device ensures the stability of projection direction and the accuracy of focus. The innovative detachable mechanical connection design, with professional locking accessories, can be freely and flexibly combined and spliced to meet the secondary combination on site.

CHARACTERISTICS

- Free combination,flexible splicing,innovative mechanical connection design,easy on-site installation and disasse-mbly
- Fully automated single moudle production,stable quality and fast shipment
- High efficient optics provide efficient, glare free light and even light distribution
- Imported PC integrated lens
- Automatic intelligent manu-facturing

PHOTOMETRY

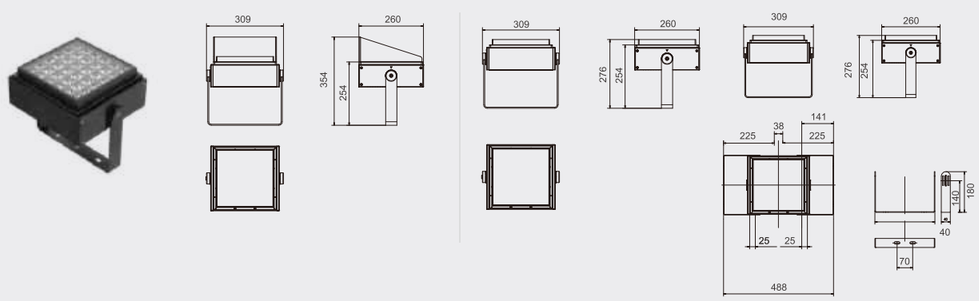


SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL260P	36	100	4/8	2700-6000K	6500	65
				RGB	3000	30
				RGBW	3500	35
				RGBWH		

PRODUCT SIZE

RFL260P Size：309mm(L) x 260mm(W) x 276mm (H)mm Net Weight：6.1kg



RFL-132

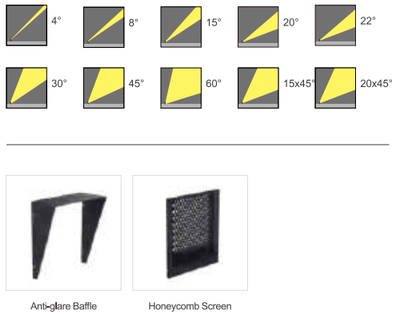
DMX 512 | -30～+45°C | 2700-6000K

IP66 | DC 24V | AC 220V

Keep chasing technological innovation, and never stop.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



Anti-glare Baffle

Honeycomb Screen

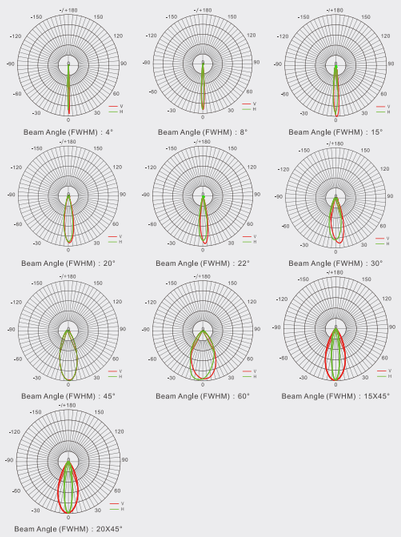
| INTRODUCTION |

RFL132, the new product of Magic Cube 7.0 series, adopts 50mm×50mm modular lens with good applicability and extensibility, and a variety of angles available. The minimalist exterior design is easy enough for construction and installation.

CHARACTERISTICS

- > Optical platforms for quick switching
- > Modular production for fast delivery
- > Die-cast housing with excellent texture
- > Micro-innovative mount with multi-dimensional projection

| PHOTOMETRY |

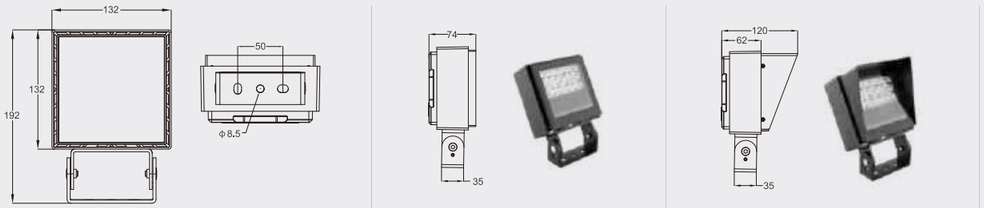


| SPECIFICATION |

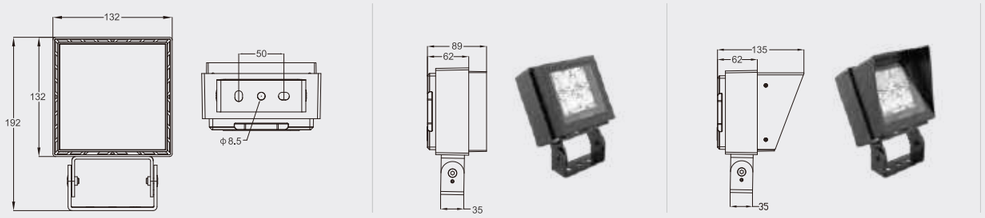
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL132(1*1)	4	24	4	2700-6500K	1596-1764	67-74
	10		8		1710-1890	71-79
	24		20/30/45/60/20×45		1824-2016	76-84
	2		8	RGBWH	912-1008	38-42
	8		15/30/45/60/15×45			
	14		15/22/45	7in1	1320-1440	55-60

| PRODUCT SIZE |

RFL132 Single row single module low type **Size**: 192 x132x 74mm **Net Weight**: 1.4kg



RFL132 Single row single module high type **Size**: 192 x132x 89mm **Net Weight**: 1.5kg

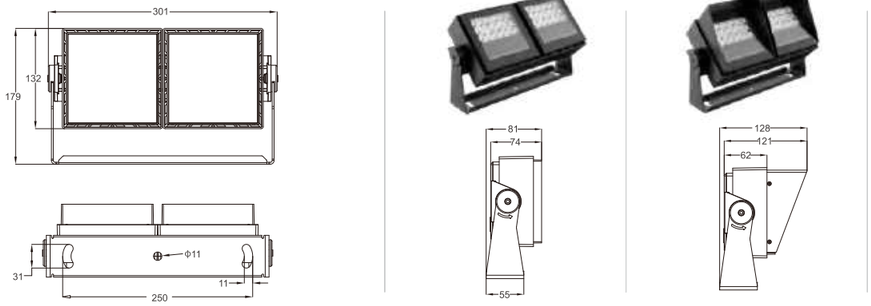


| SPECIFICATION |

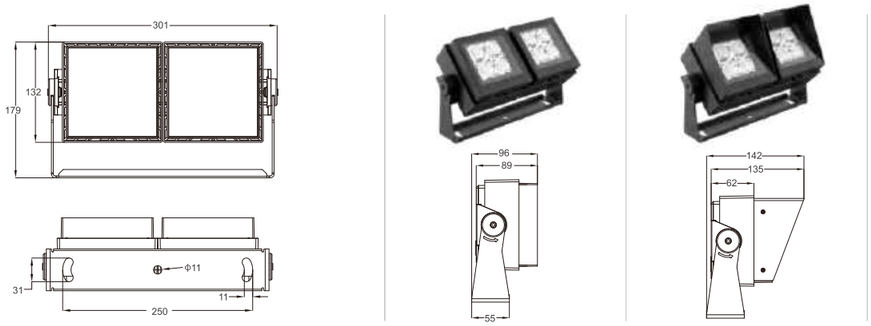
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL132(1*2)	8	48	4	2700-6500K	3192-3528	67-74
	20		8			
	48		20/30/45/60/20×45		3420-3780	71-79
	4		8	RGBWH	1824-2016	38-42
	16		15/30/45/60/15×45			
	28		15/22/45	7in1	1320-1440	55-60
RFL132(1*3)	12	72	4	2700-6500K	6384-7056	67-74
	30		8			
	72		20/30/45/60/20×45		6840-7560	71-79
	6		8	RGBWH	3648-4032	38-42
	24		15/30/45/60/15×45			
	42		15/22/45	7in1	3960-4320	55-60

| PRODUCT SIZE |

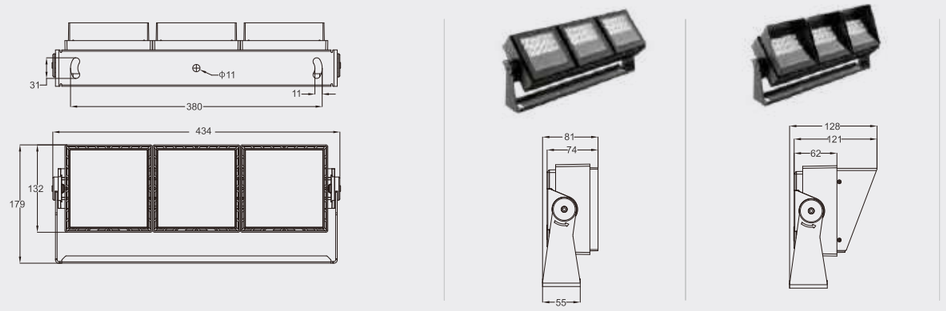
RFL132 Single row double module low type **Size**：301 x179x 81mm **Net Weight**：2.9kg



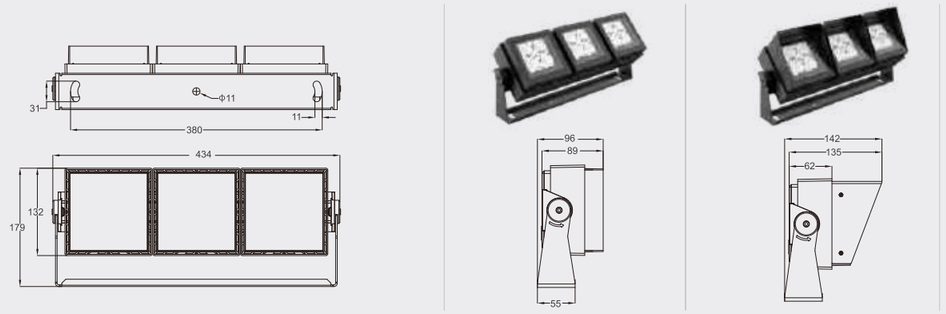
RFL132 Single row double module high type **Size**：301 x179x 96mm **Net Weight**：3.1kg



RFL132 Single row three module low type **Size**：434x179x81mm **Net Weight**：4.3kg



RFL132 Single row three module high type **Size**：434 x179x 96mm **Net Weight**：4.6kg



RFL-162

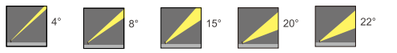
DMX 512 | -30～+45°C | 2700-6000K

IP66 | AC 220V

Keep chasing technological innovation, and never stop.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



INTRODUCTION

RFL132, the new product of Magic Cube 7.0 series, adopts 50mm×50mm modular lens with good applicability and extensibility, and a variety of angles available. The minimalist exterior design is easy enough for construction and installation.

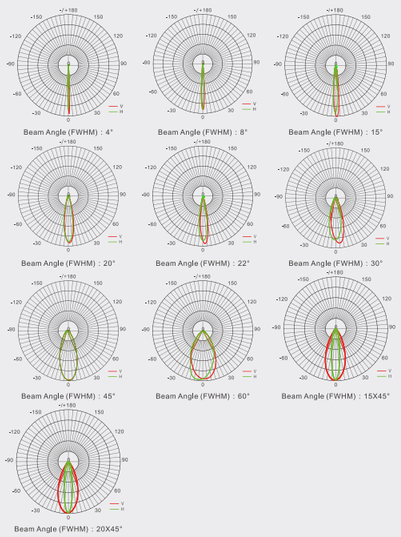
Anti-glare Baffle

Honeycomb Screen

CHARACTERISTICS

- > Optical platforms for quick switching
- > Modular production for fast delivery
- > Die-cast housing with excellent texture
- > Micro-innovative mount with multi-dimensional projection

PHOTOMETRY

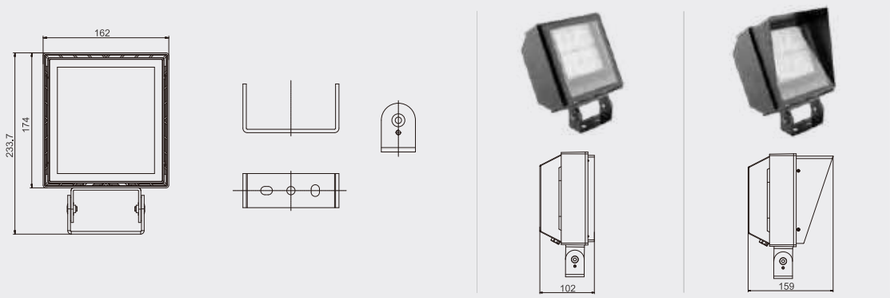


SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL162(1*1)	9	50	4	2700-6500K	3325-3675	67-74
	32	72	8		4788-5292	
	48		20/20×45			
	64		30/45/60		5472-6048	76-84
	4	50	8	RGBWH	1900-2100	38-42
	16	60	15/30/45/60/15×45		2280-2520	
	28	50	15/22/45	7in1	2750-3000	55-60

PRODUCT SIZE

RFL162 Single row single module high voltage **Size**:233.7 x162x 102mm **Net Weight**:2.5kg

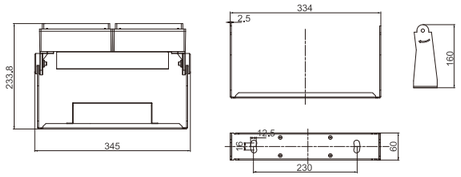


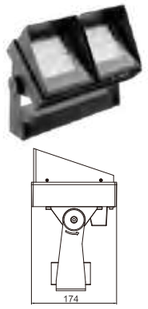
| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL162(1*2)	18	100	4	2700-6500K	6650-7350	67-74
	64	144	8		9576-10584	
	96		20/20×45			
	128		30/45/60		10944-12096	76-84
	8	100	8	RGBWH	3800-4200	38-42
	32	120	15/30/45/60/15×45		4560-5040	
	56	100	15/22/45	7in1	5500-6000	55-60
RFL162(1*3)	27	150	4	2700-6500K	9975-11025	67-74
	96	216	8		14364-15876	
	144		20/20×45		15390-17010	72-79
	192		30/45/60		16416-18144	76-84
	12	150	8	RGBWH	5700-6300	38-42
	48	180	15/30/45/60/15×45		6840-7560	
	84	150	15/22/45	7in1	8250-9000	55-60
RFL162(2*2)	36	200	4	2700-6500K	13300-14700	67-74
	128	288	8		19152-21168	
	192		20/20×45		20520-22680	71-79
	256		30/45/60		21888-24192	76-84
	16	200	8	RGBWH	7600-8400	38-42
	64	240	15/30/45/60/15×45		9120-10080	
	112	200	15/22/45	7in1	11000-12000	55-60
RFL162(2*3)	54	300	4	2700-6500K	19950-22050	67-74
	192	432	8		28728-31752	
	288		20/20×45		30780-34020	72-79
	384		30/45/60		32832-36288	76-84
	24	300	8	RGBWH	11400-12600	38-42
	96	360	15/30/45/60/15×45		13680-15120	
	168	300	15/22/45	7in1	16500-18000	55-60

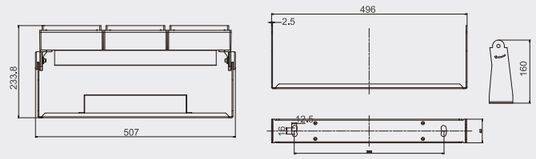
| PRODUCT SIZE |

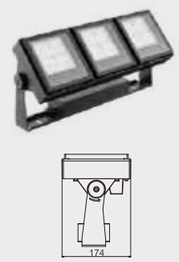
RFL162 Single row dual module high voltage **Size**:345x233.8x174mm **Net Weight**:5.5kg

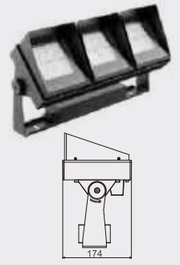




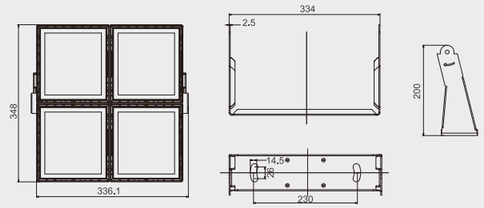
RFL162 Single row three module high voltage **Size**:507x233.8x174mm **Net Weight**:7kg

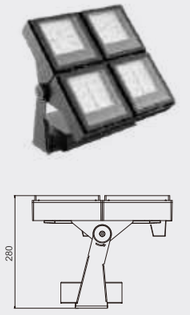


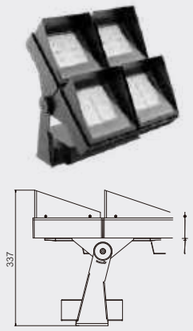




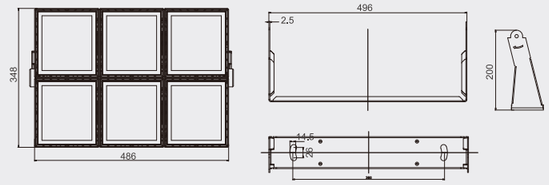
RFL162 Double row double module high voltage **Size**:348.2x348x280mm **Net Weight**:10.5kg

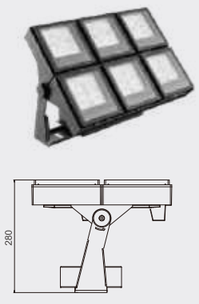


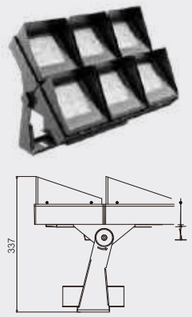




RFL162 Double row three module high voltage **Size**:510.2x348x280mm **Net Weight**:13kg







RFL-212

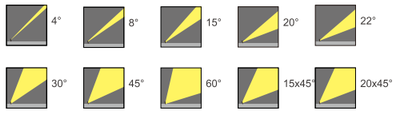
DMX 512 | -30～+45°C | 2700-6000K

IP66 | AC 220V

Keep chasing technological innovation, and never stop.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



Anti-glare Baffle | Honeycomb Screen

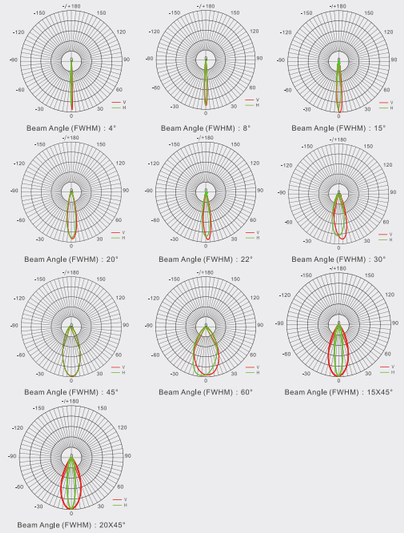
INTRODUCTION

RFL132, the new product of Magic Cube 7.0 series, adopts 50mm×50mm modular lens with good applicability and extensibility, and a variety of angles available. The minimalist exterior design is easy enough for construction and installation.

CHARACTERISTICS

- Optical platforms for quick switching
- Modular production for fast delivery
- Die-cast housing with excellent texture
- Micro-innovative mount with multi-dimensional projection

PHOTOMETRY

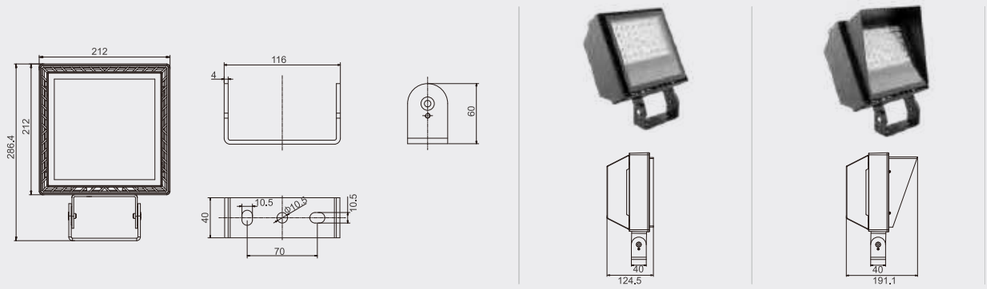


SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL212(1*1)	12	72	4	2700-6500K	4788-5292	67-74
	48	100	8		6650-7350	
	72		20/20×45		7125-7875	71-79
	96		30/45/60		7600-8400	76-84
	6	72	8	RGBWH	2736-2940	38-42
	24	90	15/30/45/60/15×45		3800-4200	42-47
	42	80	15/22/45	7in1	4400-4800	55-60

PRODUCT SIZE

RFL212 Single row single module high voltage **Size**: 286.4 x212x 124.5mm **Net Weight**: 3.1kg

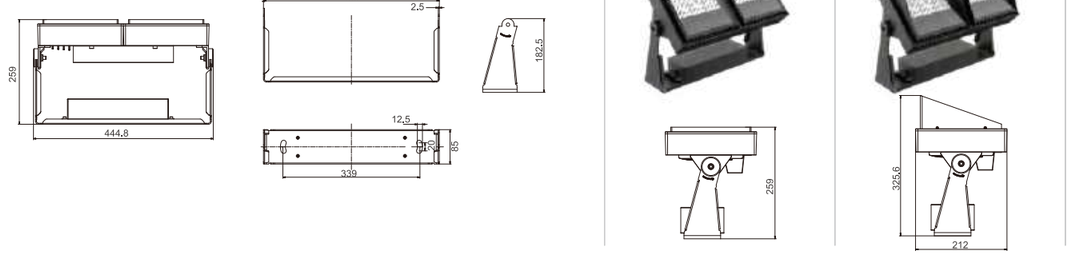


| SPECIFICATION |

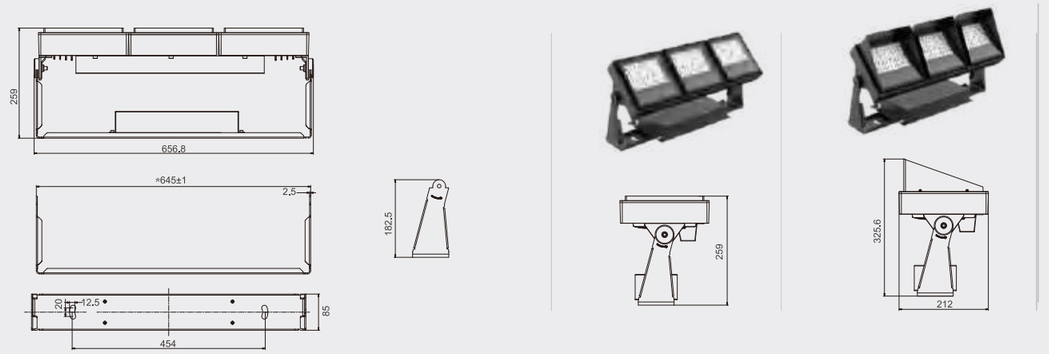
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL212(1*2)	24	144	4	2700-6500K	9576-10584	67-74
	96	200	8		13300-14700	
	144		20/20×45		14250-15750	71-79
	192		30/45/60		15200-16800	76-84
	12	144	8	RGBWH	5472-6048	38-42
	48	180	15/30/45/60/15×45		7600-8400	42-47
	84	160	15/22/45	7in1	8800-9600	55-60
RFL212(1*3)	36	216	4	2700-6500K	14364-15876	67-74
	144	300	8		19950-22050	
	216		20/20×45		21375-23625	71-79
	288		30/45/60		22800-25200	76-84
	18	216	8	RGBWH	8208-9072	38-42
	72	270	15/30/45/60/15×45		11400-12600	42-47
	126	240	15/22/45	7in1	13200-14400	55-60
RFL212(2*2)	48	288	4	2700-6500K	19152-21168	67-74
	192	400	8		26600-29400	
	288		20/20×45		28500-31500	71-79
	384		30/45/60		30400-33600	76-84
	24	288	8	RGBWH	10944-12600	38-44
	96	360	15/30/45/60/15×45		15200-16800	42-47
	168	320	15/22/45	7in1	17600-19200	55-60
RFL212(2*3)	72	432	4	2700-6500K	28728-31752	67-74
	288	600	8		39900-44100	
	432		20/20×45		42750-47250	71-79
	576		30/45/60		45600-50400	76-84
	36	432	8	RGBWH	16416-18144	38-42
	144	540	15/30/45/60/15×45		22800-25200	42-47
	252	480	15/22/45	7in1	10560-28800	55-60
RFL212(3*3)	108	648	4	2700-6500K	43092-47628	67-74
	432	900	8		59850-66150	
	648		20/20×45		64125-70875	71-79
	864		30/45/60		68400-75600	76-84
	54	648	8	RGBWH	24624-27216	38-42
	216	810	15/30/45/60/15×45		34200-37800	42-47
	378	720	15/22/45	7in1	39600-43200	55-60

| PRODUCT SIZE |

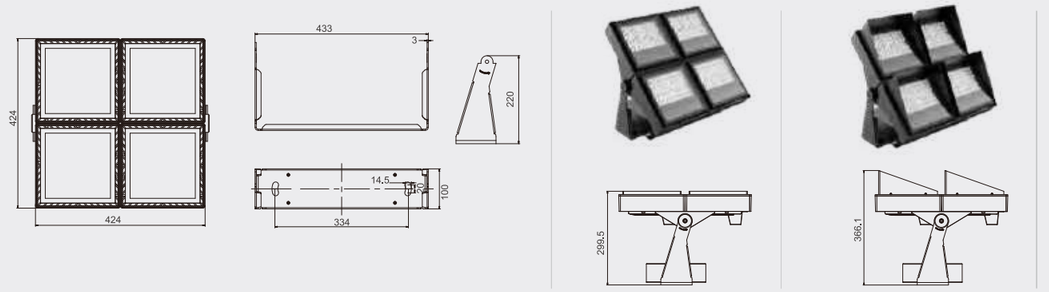
RFL212 Single row dual module high voltage **Size**:444.8 x212x 259mm **Net Weight**:9kg



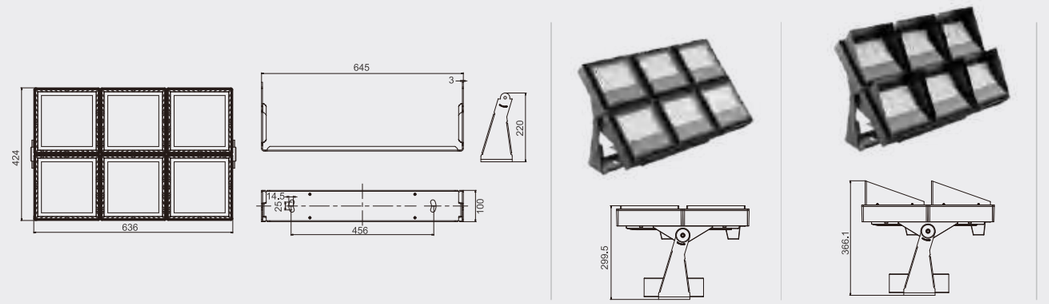
RFL212 Single row three module high voltage **Size**:656.8x212x259mm **Net Weight**:13kg



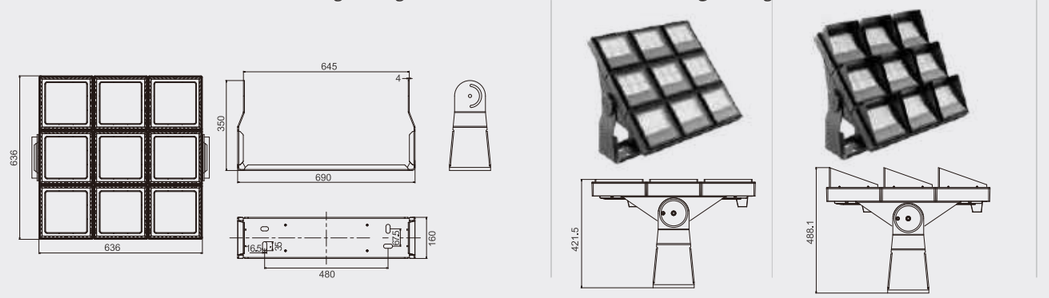
RFL212 Double row double module high voltage **Size**:443.96x424x299.5mm **Net Weight**:19kg



RFL212 Double row three module high voltage **Size**:655.9x424x314.5mm **Net Weight**:22kg



RFL212 Three rows and three modules high voltage **Size**:690x636x421.5mm **Net Weight**:45kg



RFL-155

DMX 512 | -30～+45°C | 2700-6000K

IP66 | AC 220V

Unique heat dissipation design,compact integrated floodlight.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

Anti-glare Baffle(Y)

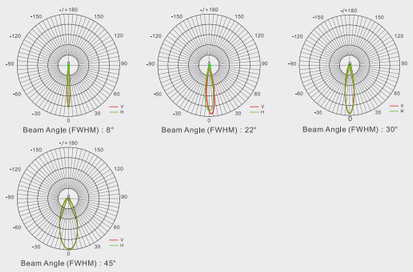
| INTRODUCTION |

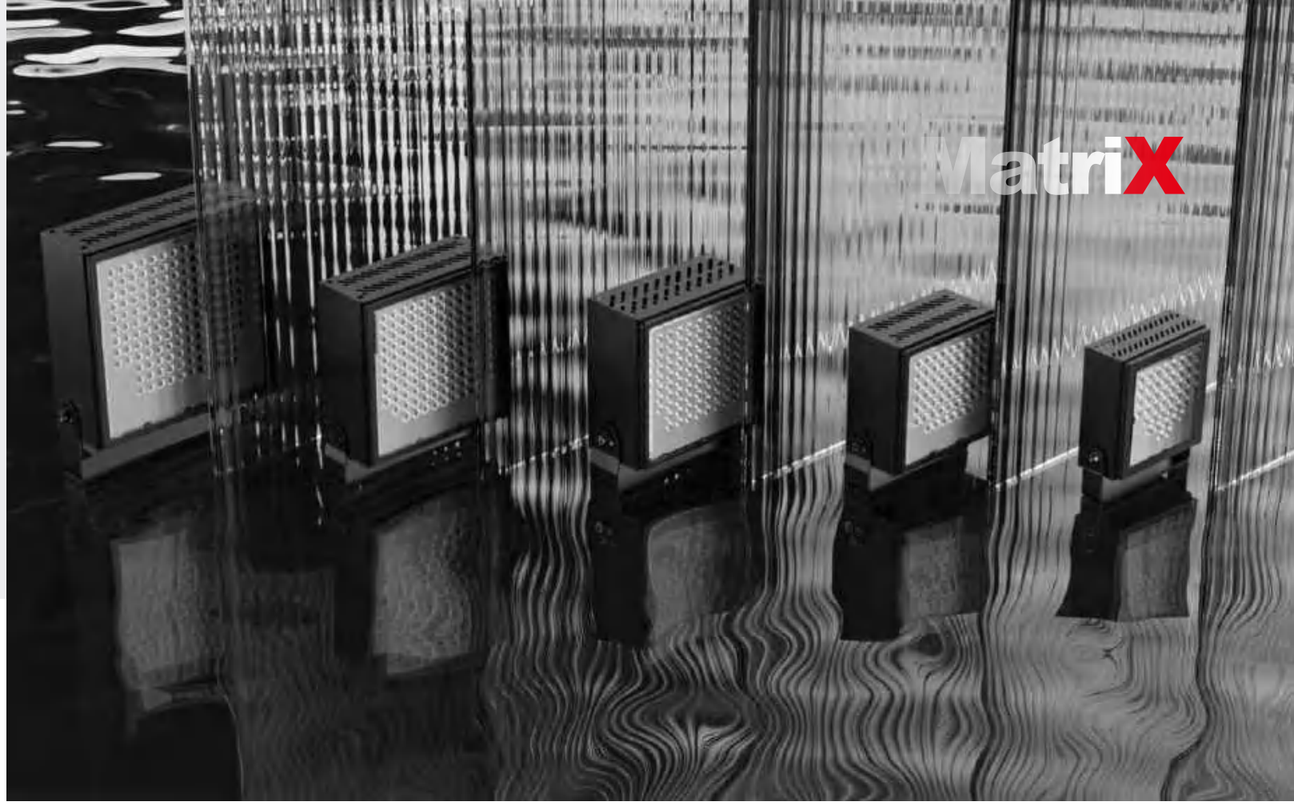
RFL155 is light and compact overall, easy to install and easy to hide. The CCT of the light can meet the requirements of monochrome, RGB, RGBW and multi-light angle, making the product more flexible and more diverse applications. The series can be customized with 48-180w.

CHARACTERISTICS

- Single-head high-power flood light, Mono, RGB/RGBW colorful control requirements
- Aviation aluminum profile, ultra-thin industrial design, easy to install
- Less weight and slim size help reduce transportation costs
- Suitable for scenes such as the trees, large buildings, sculptures, etc
- Made of highly corrosion-resistant die-casting aluminum housing with sealed to Ip66
- Highly efficient optics provide efficient, glare free light and even light distribution

| PHOTOMETRY |



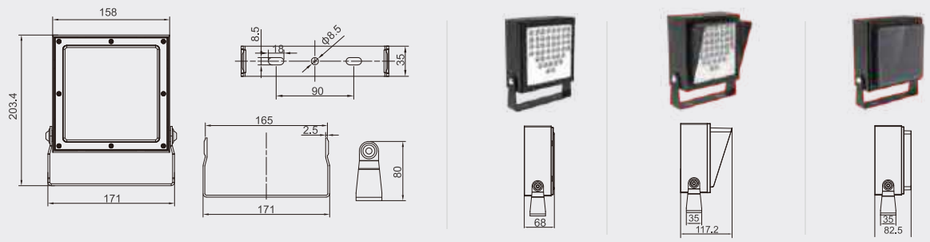


| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL155	45	48	22/30/45	2700-6000K	4416-4700	92-98
				RGB	1440-1536	30-32
				RGBW	1920-2016	40-42
	18	48	8	2700-6000K	3360-3500	70-73
				RGB	1050	22
				RGBW	1340-1440	28-30

| PRODUCT SIZE |

RFL155 Size：171x67x 203.4mm Net Weight：1.8kg



RFL-165

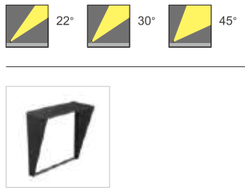
DMX 512 | -30～+45°C | 2700-6000K

IP66 | AC 220V

Unique heat dissipation design,compact integrated floodlight.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



Anti-glare Baffle(Y)

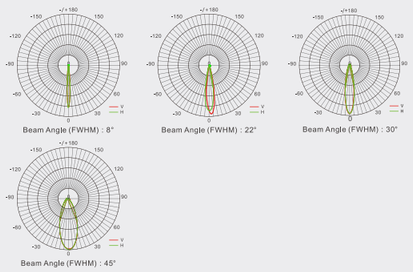
| INTRODUCTION |

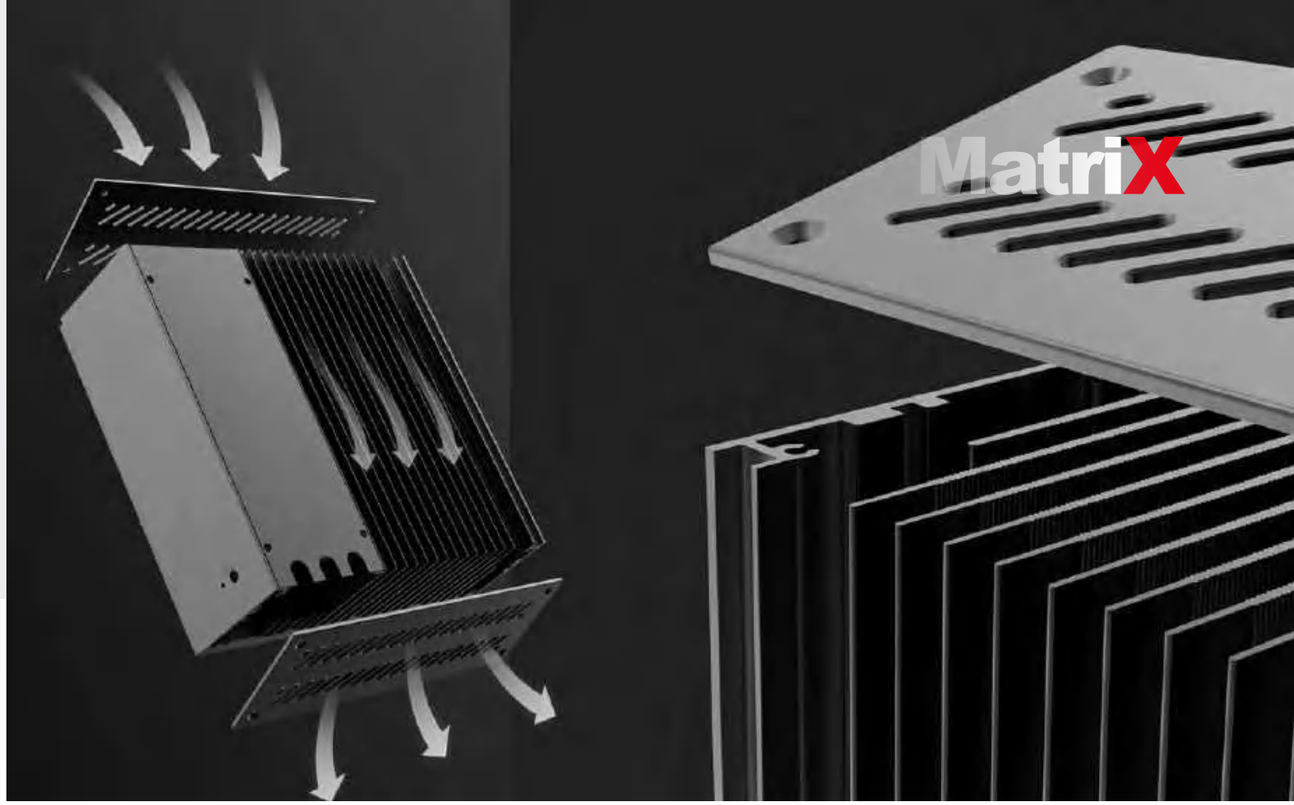
RFL165 is light and compact overall, easy to install and easy to hide. The CCT of the light source can meet the requirements of monochrome, RGB, RGBW and multi-light angle, making the product more flexible and more diverse applications. The series can be customized with 48-180w multi-power options.

CHARACTERISTICS

- Single-head high-power flood light, Mono, RGB/RGBW colorful control requirements
- Aviation aluminum profile, ultra-thin industrial design, easy to install
- Less weight and slim size help reduce transportation costs
- Suitable for scenes such as the trees, large buildings, sculptures, etc
- Made of highly corrosion-resistant die-casting aluminum housing with sealed to Ip66
- Highly efficient optics provide efficient, glare free light and even light distribution

| PHOTOMETRY |



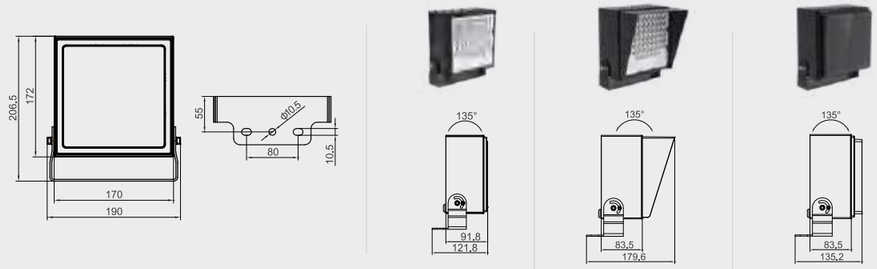


| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL165	60	72	22/30/45	2700-6000K	6320-6480	88-90
				RGB	3050-3140	42-44
				RGBW	3790-3960	53-55

| PRODUCT SIZE |

RFL165 Size：190×121.8×206.5mm Net Weight：2.25kg



RFL-200

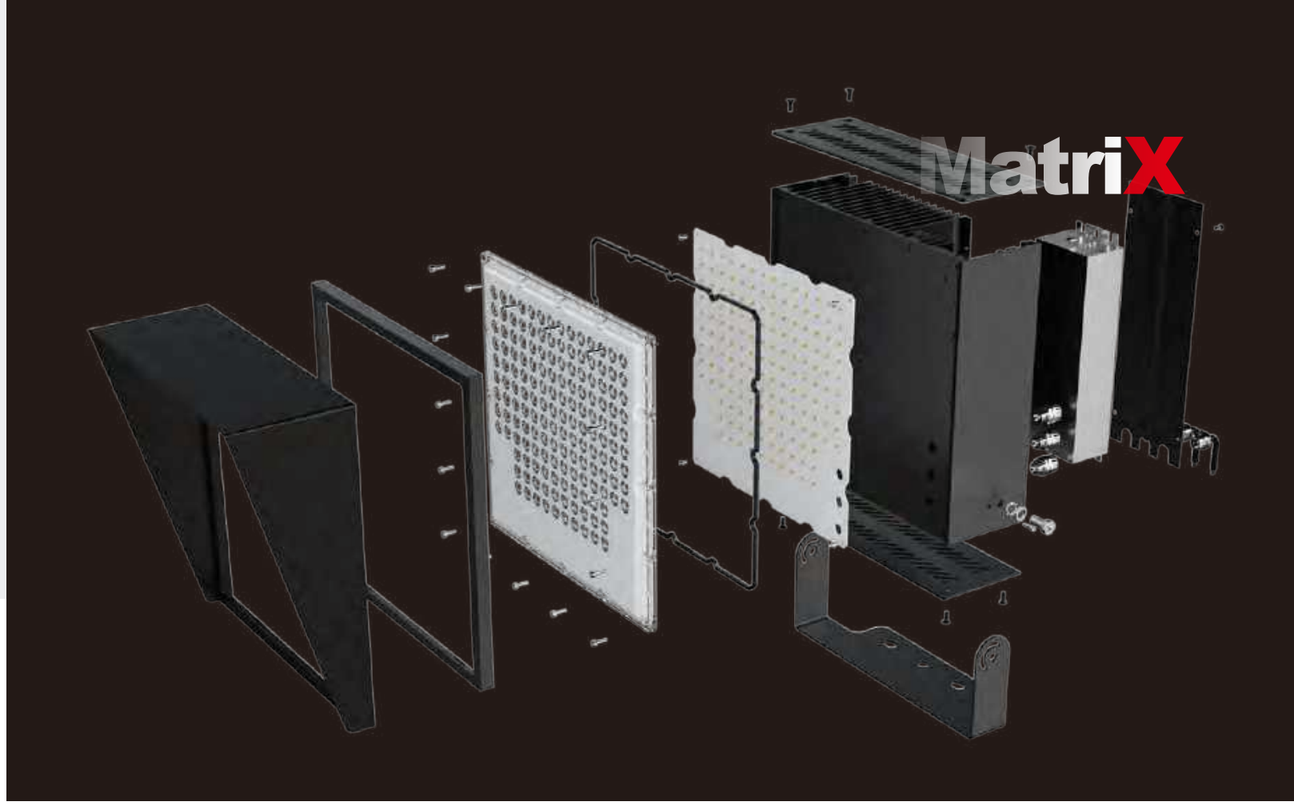
DMX 512 | -30～+45°C | 2700-6000K

IP66 | AC 220V

Unique heat dissipation design,compact integrated floodlight.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



22° 30° 45°

Anti-glare Baffle(Y)

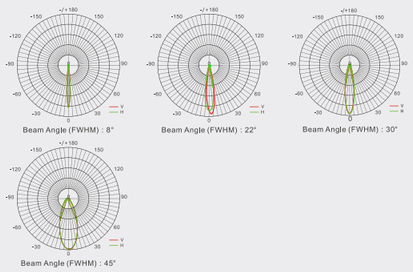
| INTRODUCTION |

RFL200 is light and compact overall, easy to install and easy to hide. The CCT of the light source can meet the requirements of monochrome, RGB, RGBW and multi-light angle, making the product more flexible and more diverse applications. The series can be customized with 48-180w multi-power options.

CHARACTERISTICS

- Single-head high-power flood light, Mono, RGB/RGBW colorful control requirements
- Aviation aluminum profile, ultra-thin industrial design, easy to install
- Less weight and slim size help reduce transportation costs
- Suitable for scenes such as the trees, large buildings, sculptures, etc
- Made of highly corrosion-resistant die-casting aluminum housing with sealed to Ip66
- Highly efficient optics provide efficient, glare free light and even light distribution

| PHOTOMETRY |

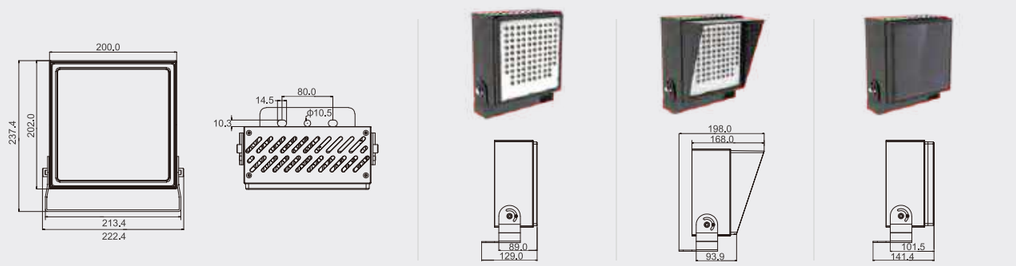


| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL200	96	100	22/30/45	2700-6000K	9500-10000	95-100
				RGB	3200-3500	32-35
				RGBW	4200-4500	42-45
	42	100	8	2700-6000K	7300-7600	73-76
				RGB	2400	24
				RGBW	3000-3200	30-32

| PRODUCT SIZE |

RFL200 Size：222.4 x129x 237.4mm Net Weight：4.28kg



RFL-220S

DMX 512 | -30～+45°C | 2700-6000K

IP66 | AC 220V

Unique heat dissipation design,compact integrated floodlight.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

22° 30° 45°

Anti-glare Baffle(Y)

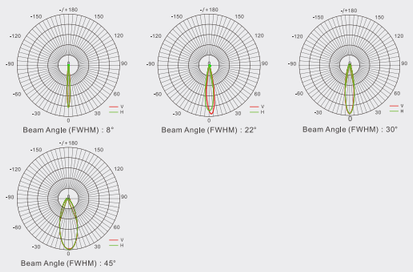
| INTRODUCTION |

RFL220S is light and compact overall, easy to install and easy to hide. The CCT of the light source can meet the requirements of monochrome, RGB, RGBW and multi-light angle, making the product more flexible and more diverse applications. The series can be customized with 48-180w multi-power options.

CHARACTERISTICS

- Single-head high-power flood light, Mono, RGB/RGBW colorful control requirements
- Aviation aluminum profile, ultra-thin industrial design, easy to install
- Less weight and slim size reduces transportation costs
- Suitable for scenes such as the trees, large buildings, sculptures, etc
- Made of highly corrosion-resistant die-casting aluminum housing with sealed to IP66
- High-efficiency optics provide efficient, glare-free light and uniform light distribution

| PHOTOMETRY |

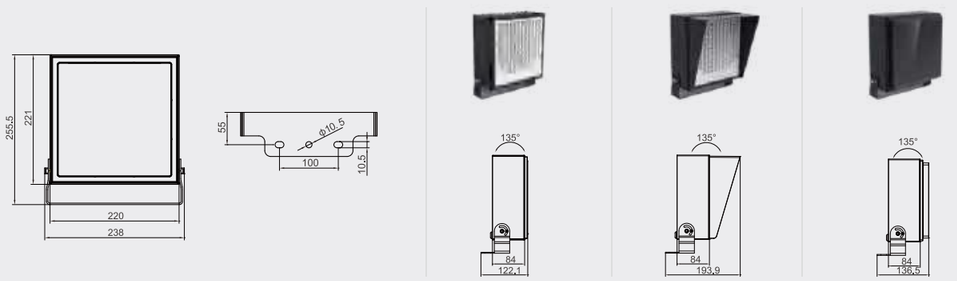


| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL220S	126	140	22/30/45	2700-6000K	12620-12750	84-85
				RGB	6620-6750	44-45
				RGBW	7620-7800	51-52

| PRODUCT SIZE |

RFL220S Size：238×122.1×255.5mm Net Weight：3.75kg



RFL-260

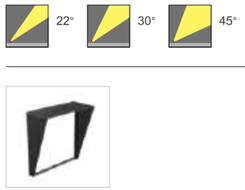
DMX 512 | -30～+45°C | 2700-6000K

IP66 | AC 220V

Unique heat dissipation design,compact integrated floodlight.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



Anti-glare Baffle(Y)

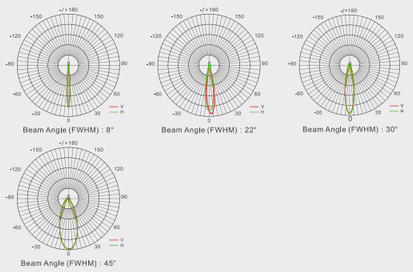
| INTRODUCTION |

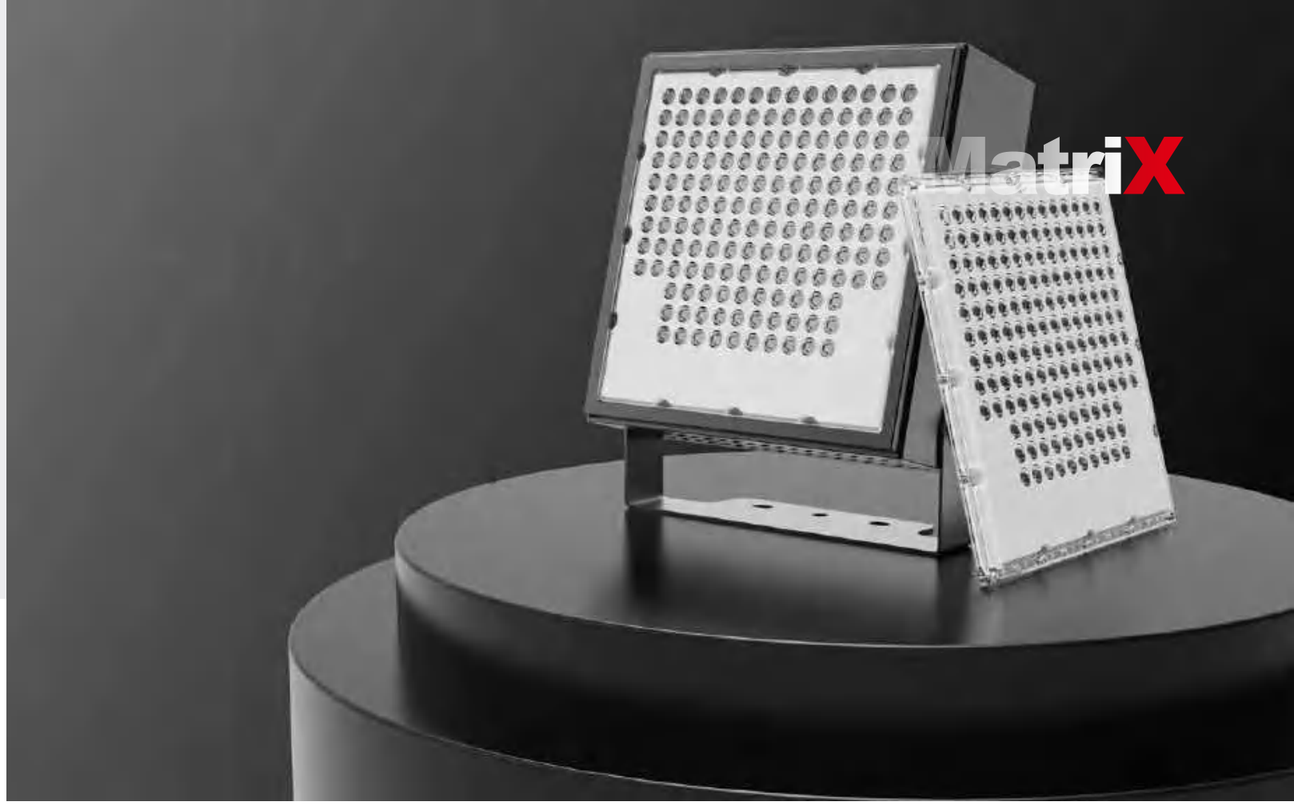
RFL260 is light and compact overall, easy to install and easy to hide. The CCT of the light source can meet the requirements of monochrome, RGB, RGBW and multi-light angle, making the product more flexible and more diverse applications. The series can be customized with 48-180w multi-power options.

CHARACTERISTICS

- Single-head high-power flood light, Mono, RGB/RGBW colorful control requirements
- Aviation aluminum profile, ultra-thin industrial design, easy to install
- Less weight and slim size reduces transportation costs
- Suitable for scenes such as the trees, large buildings, sculptures, etc
- Made of highly corrosion-resistant die-casting aluminum housing with sealed to IP66
- High-efficiency optics provide efficient, glare-free light and uniform light distribution

| PHOTOMETRY |



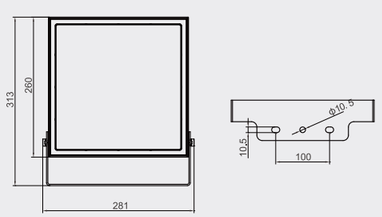


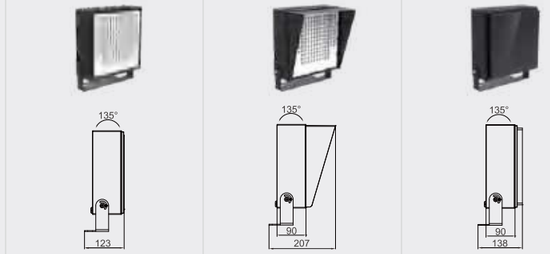
| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RFL260	162	180	22/30/45	2700-6000K	19081-19381	106-108
				RGB	8766-8809	48-49
				RGBW	11646-11746	64-65

| PRODUCT SIZE |

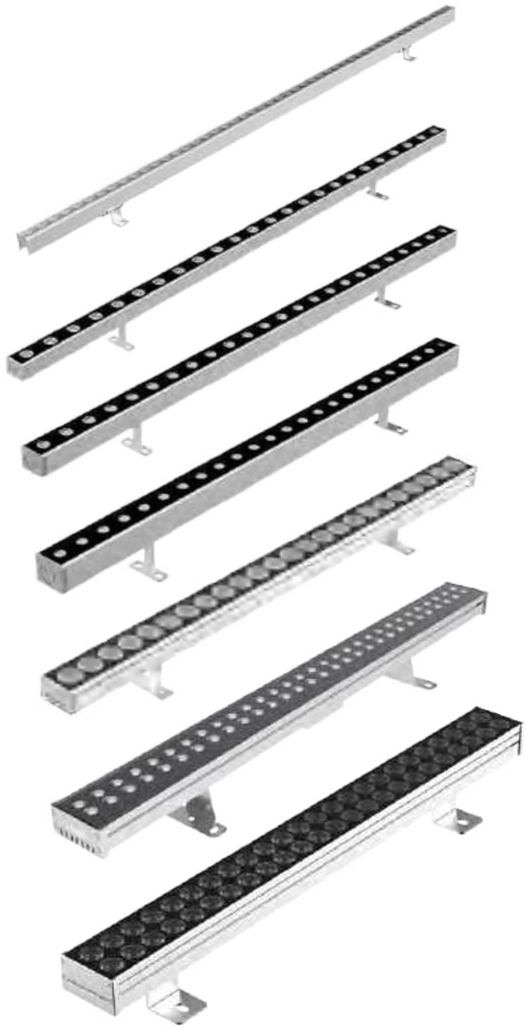
RFL260 Size：281×123×313 mm Net Weight：5.0kg





LED
Wall Washer

MatriX



LED WALL WASHER

226 RWW22C
228 RWW30
230 RWW42
232 RWW56
234 RWW66
236 RWW90
238 RWW100

RWW|22C

RWW|30

RWW|42

RWW|56

Power(W)	12-15	24	36-48	60-72
AC220V			●	●
DC24V	●	●	●	●
Beam Angle(°)	30/45/25*45	20/30/45/60/20*40	8/15/30/45/15*60/ 20*40	8/15/30/45/15*60/ 20*40
CCT(K)	2700-5700	2700-5700	2700-6500	2700-6500
RGB/RGBW	●	●	●	●
Anti-glare Accessories	●	●	●	●
DMX512	●	●	●	●

RWW|66

RWW|90

RWW|100

Power(W)	60-72	100-120	120-150
AC220V	●	●	●
DC24V		●	
Beam Angle(°)	3.5/8/15/30	7/15/30/45/60/ 20*40/15*60	3.5/8/15/30
CCT(K)	2700-6000	2700-6000	2700-6000
RGB/RGBW	●	●	●
Anti-glare Accessories	●	●	●
DMX512	●	●	●

Keqiao International Center KIC，Shaoxing

RWW-22C

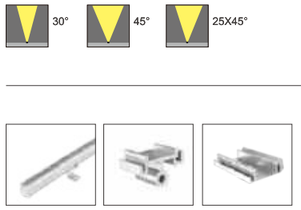
DMX 512 | -30～+45°C | 2700-5700K

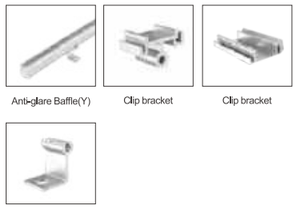
IP66 | DC 24V

High cost-effective wall washers

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032





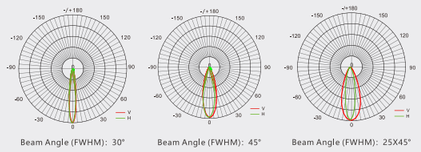
CHARACTERISTICS

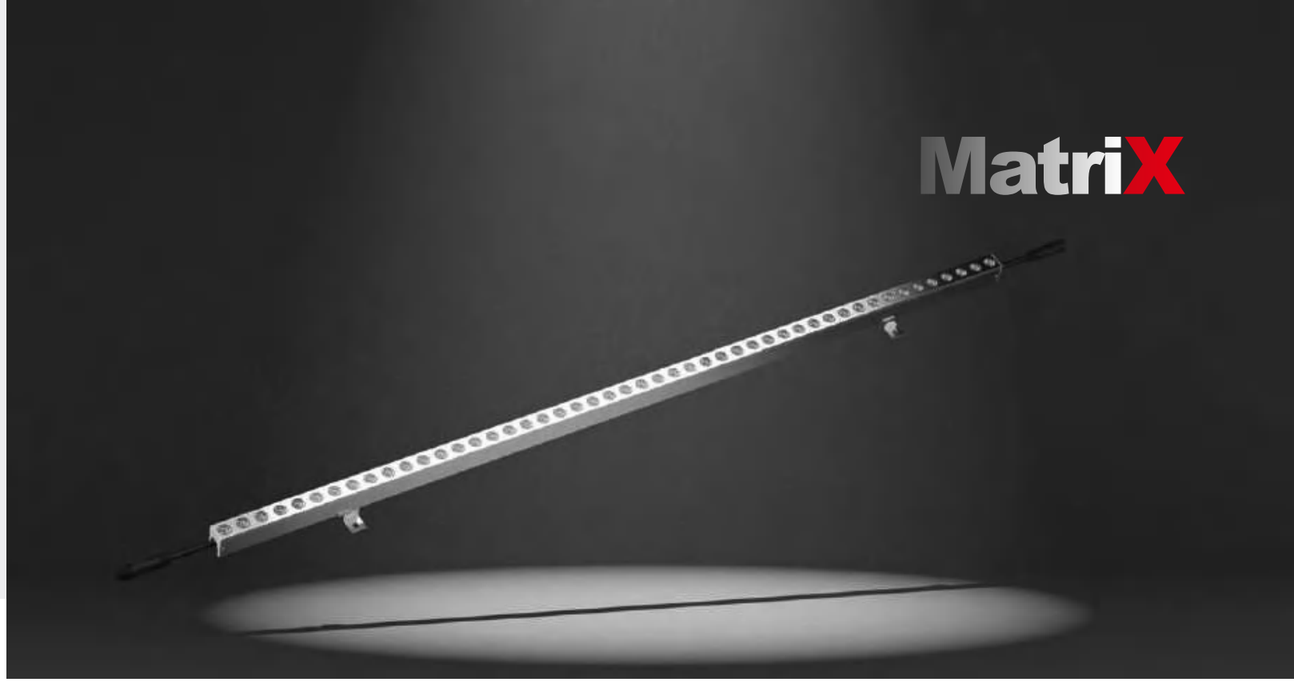
- > Multi-angle selection to meet the requirements of different scenarios.Simple design appearance
- > Extreme optical design,showing perfect light effect
- > Ultra compact form factor
- > Corrosion resistance and improved heat dissipation

INTRODUCTION

Simple and atmospheric design style.As well as individual luminaires there is also a modular system available for creating continuous lines with barely any shadow between the sections.The very slim cross section allows for discreet installation.

PHOTOMETRY



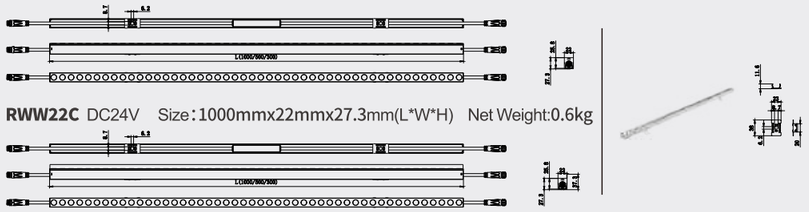


SPECIFICATION

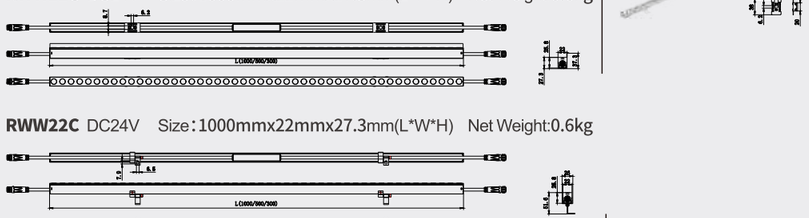
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RWW22C	48	12	30°/45°/25×45°	2700-5700K	750-782	63-65
				RGB	206-208	17-18
		15		RGBW	355	24

PRODUCT SIZE

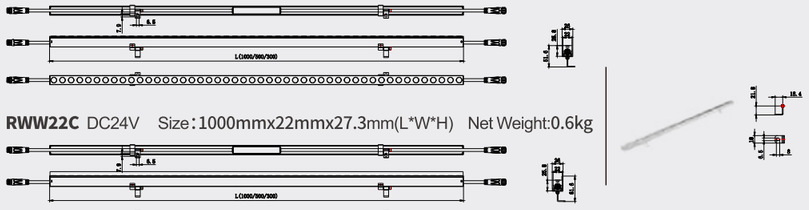
RWW22C DC24V Size：1000mmx22mmx27.3mm(L*W*H) Net Weight:0.6kg



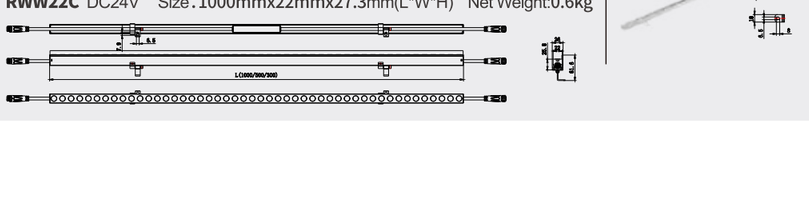
RWW22C DC24V Size：1000mmx22mmx27.3mm(L*W*H) Net Weight:0.6kg



RWW22C DC24V Size：1000mmx22mmx27.3mm(L*W*H) Net Weight:0.6kg



RWW22C DC24V Size：1000mmx22mmx27.3mm(L*W*H) Net Weight:0.6kg



RWW-30

DMX 512 | -30～+45°C | 2700-5700K | RGBW

IP66 | DC 24V

Cost-effective wall washer lights.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

20° 30° 45° 60° 20X40°

Anti-glare Baffle(Y)

T-shape bracket

INTRODUCTION

Simple and atmospheric design style.As well as individual luminaires there is also a modular system available for creating continuous lines with barely any shadow between the sections.The very slim cross section allows for discreet installation.

CHARACTERISTICS

- Multiple angles available to meet multi-scenario requirements
- Minimalist design appearance
- Ultimate optical design for perfect lighting effects

PHOTOMETRY

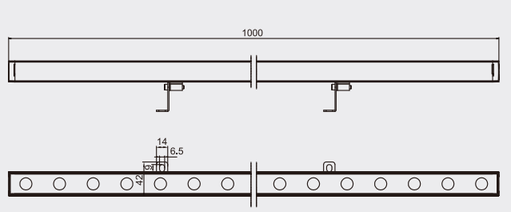
SPECIFICATION

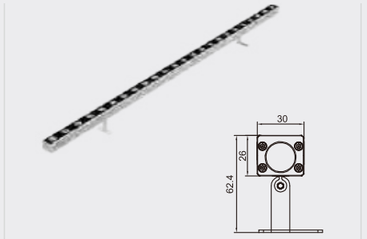
Model	LED Quantity(PCS)	Power(W)	Beam angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RWW30	24	24	20°/30°/45°/60°/20X40°	2700-5700K	1120-1810	47-75
			30°/45°/20X40°	RGBWH	490-650	20-27

PRODUCT SIZE

L-bracket Size :1000x45x31mm Net Weight :1kg

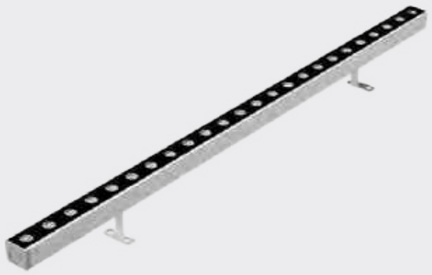
L=995/660/330mm





RWW-42

DMX 512 | -30～+45°C | 2700-6500K | RGBW

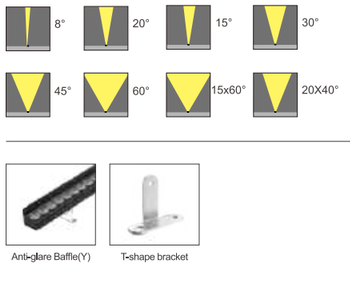


IP66 | DC 24V | DC 48V | AC 220V

Cost-effective wall washer lights.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



Anti-glare Baffle(Y)

T-shape bracket

INTRODUCTION

Simple and atmospheric design style.As well as individual luminaires there is also a modular system available for creating continuous lines with barely any shadow between the sections.The very slim cross section allows for discreet installation.

CHARACTERISTICS

- Multiple angles available to meet multi-scenario requirements
- Minimalist design appearance
- Ultimate optical design for perfect lighting effects

PHOTOMETRY

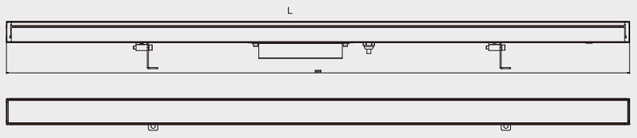
SPECIFICATION

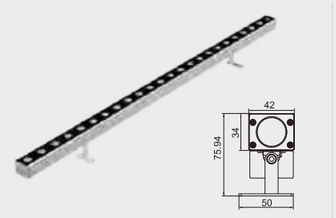
Model	LED Quantity(PCS)	Power(W)	Beam angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RWW42	24	36	8	2700-6500K	2160-2520	60-70
	36		15/30/45/60/20x40/ 15x60°		2016-2880	56-80
	24		20/30/45/60/20x40/ 15x60°	RGBW	1080-1368	30-38
	24	48	8	2700-6500K	2880-3360	60-70
	36		15/30/45/60/20x40/ 15x60°		2688-3840	56-80
	24		20/30/45/60/20x40/ 15x60°	RGBW	1440-1824	30-38

PRODUCT SIZE

L-bracket Size :75.94x50x1000mm Net Weight :1.8kg

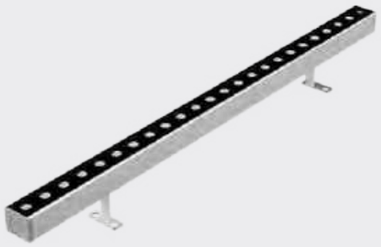
L=995/660/330mm





RWW-56

DMX 512 | -30～+45°C | 2700-5700K | RGBW

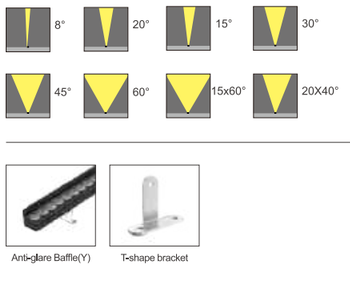


IP66 | DC 24V | AC 220V

Cost-effective wall washer lights.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



Anti-glare Baffle(Y)　　T-shape bracket

CHARACTERISTICS

- Multiple angles available to meet multi-scenario requirements
- Minimalist design appearance
- Ultimate optical design for perfect lighting effects

PHOTOMETRY

INTRODUCTION

Simple and atmospheric design style.As well as individual luminaires there is also a modular system available for creating continuous lines with barely any shadow between the sections.The very slim cross section allows for discreet installation.

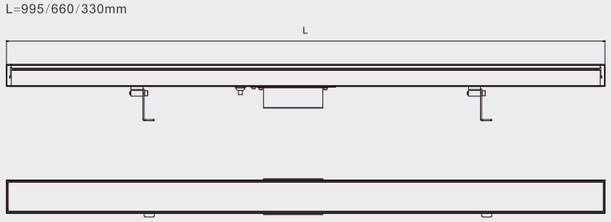
SPECIFICATION

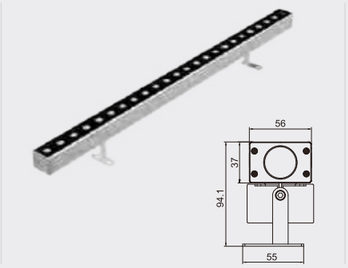
Model	LED Quantity(PCS)	Power(W)	Beam angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RWW56	30	60	8°/15°/30°/45°/60°/ 20x40°/15x60°	2700-6500K	3000-2160	50-72
	24		15°/30°/45°/20x40°/15x60°	RGBWH	2160-2700	36-45
	36	72	8°/15°/30°/45°/60°/ 20x40°/15x60°	2700-6500K	3600-5184	50-72
	24		15°/30°/45°/20x40°/15x60°	RGBWH	2592-3240	36-45

PRODUCT SIZE

L-bracket　Size :1000x45x31mm　Net Weight :2.5kg

L=995/660/330mm





RWW-66

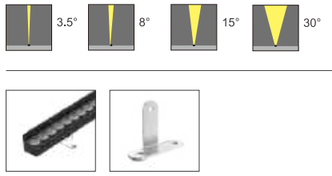
DMX 512 | -30～+45°C | 2700-6000K

IP66 | AC110V - 220V / AC220V | CE

High power narrow angle wall washer.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



Anti-glare Baffle(Y)

T-shape bracket

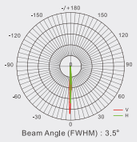
INTRODUCTION

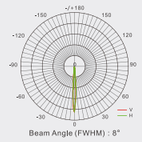
High-power wall washer, built-in professional integrated heat dissipation structure, can automatically recover overheating protection. At the same time, the thermoelectric separation design increases the stability of electrical performance and the service life of lights.

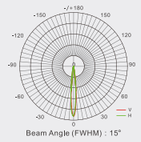
CHARACTERISTICS

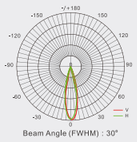
- Ultra high power wallwasher, DC/AC optional
- Light mixed evenly, ultra bright wallwashing, thin and light design, easy installation
- Can be applied in transcending building screens to solve difficulties of installation
- Ultra narrow beam angle optional
- It adopts aviation aluminum alloy lamp body, imported optical lens material, and has good corrosion resistance and ultraviolet resistance
- The multiple choices of mono color, RGB, 4in1 and light angle make the product more flexible and the application scene more diverse

PHOTOMETRY


Beam Angle (FWHM) : 3.5°


Beam Angle (FWHM) : 8°


Beam Angle (FWHM) : 15°


Beam Angle (FWHM) : 30°

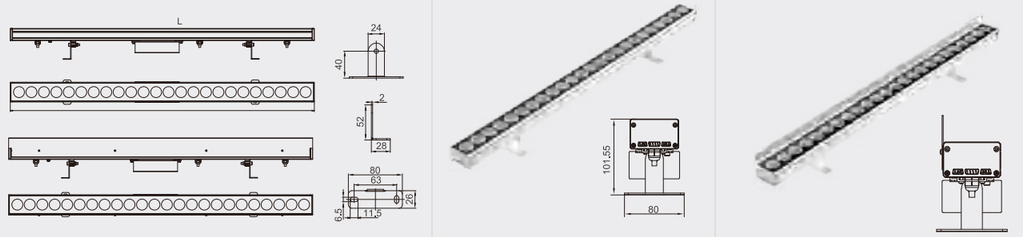
SPECIFICATION

Model	LED Quantity(PCS)	Power(W)	Beam angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RWW66	24	60	3.5	2700-6000K	4020-4380	67-73
			3.5/8	RGB	1980	33
		72	8/15/30	4in1	2880-3310	40-46

PRODUCT SIZE

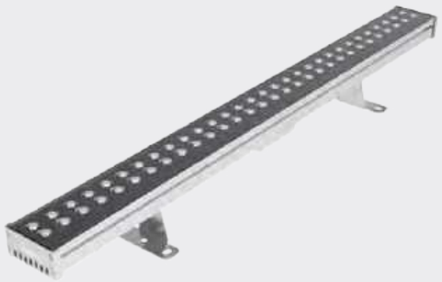
DC type 24 leds Size :1000x55x87.8mm Net Weight :3.5kg

L=1000/500/300mm



RWW-90

DMX 512 | -30～+45°C | 2700-6000K

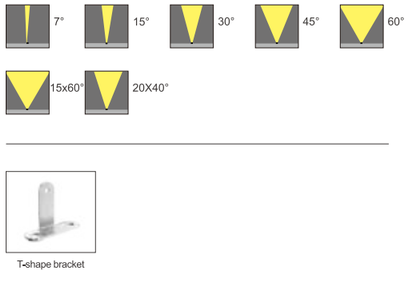


IP66 | DC 24V | AC110V - 220V / AC220V | CE

High luminous efficiency, full color coverage, super power wall washer.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



T-shape bracket

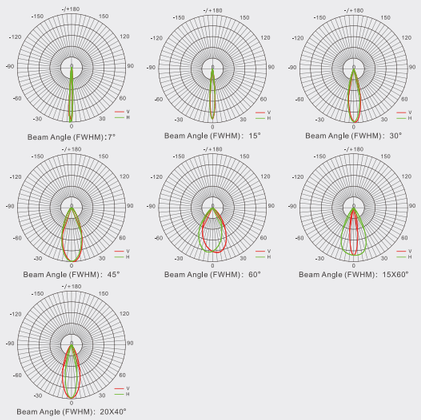
CHARACTERISTICS

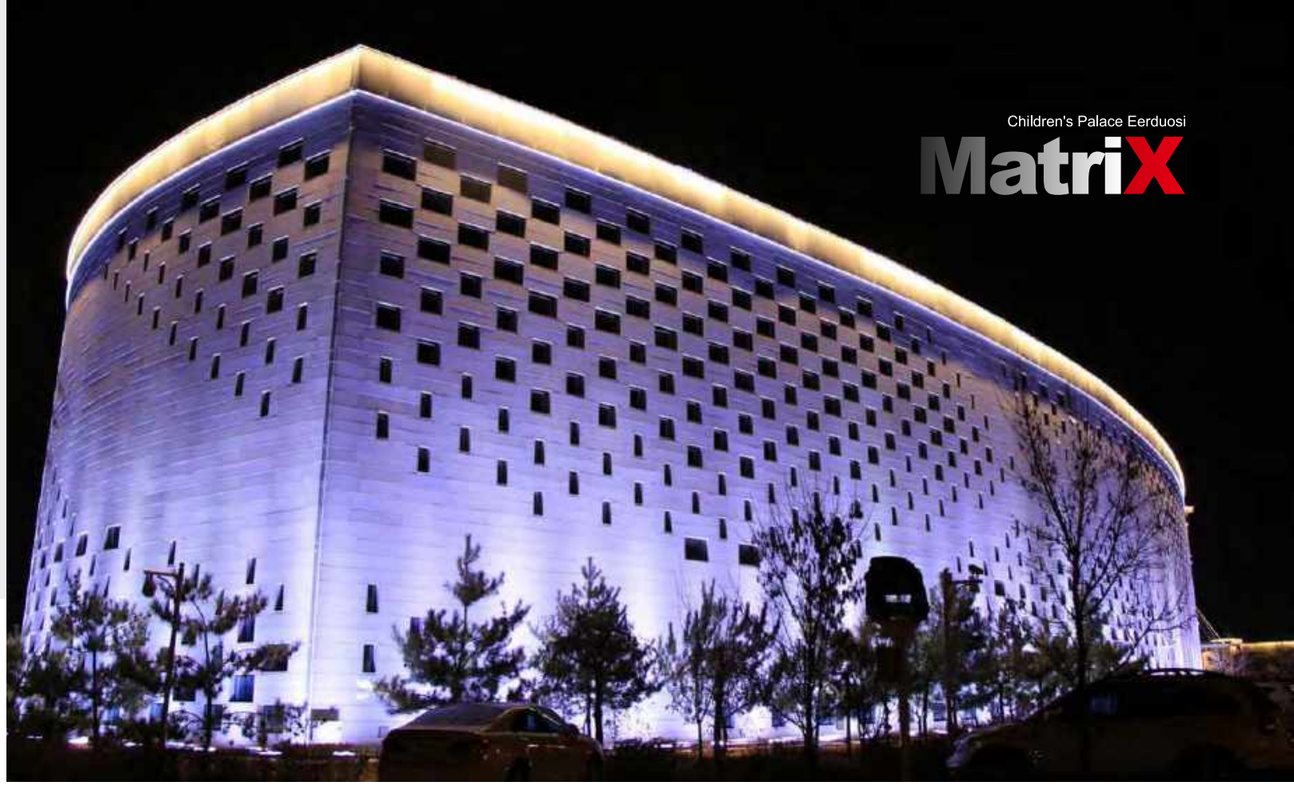
- Ultra high power wallwasher, DC/AC optional
- Light mixed evenly, ultra bright wallwashing, thin and light design, easy installation
- Can be applied in transcending building screens to solve difficulties of installation
- The multiple choices of mono color, RGB, RGBW, 4in1 and light angle make the product more flexible and the application scene more diverse
- Professional heat dissipation, waterproof and breathable breathing match is adopted to prolong the service life and light maintenance rate of LED

INTRODUCTION

The double-row mixed light design is adopted to make the light effect more uniform and more three-dimensional under the background of the wall.The color rendering index Ra>85 shows the object itself and details to the greatest extent and restores its true color.

PHOTOMETRY



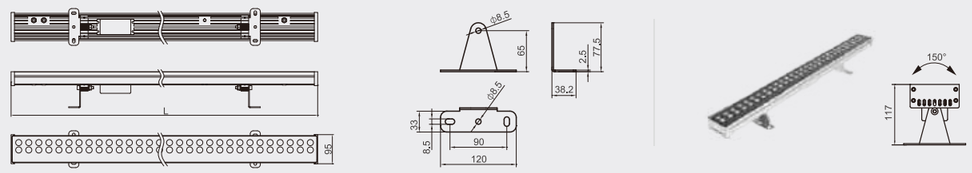


SPECIFICATION

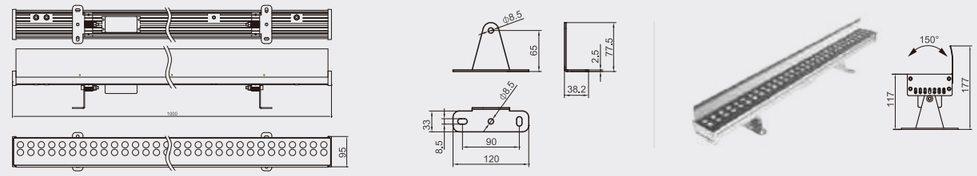
Model	LED Quantity(PCS)	Power(W)	Beam angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RWW90	60	120	7/15/30/45/60/ 20x40/15x60	2700-6000K	8640-9000	72-75
				RGB	4320-4560	36-38
	64	120		RGBW	4560-4920	38-41

PRODUCT SIZE

Lshape Bracket a1 Size :1000x95x117mm Net Weight :4.9kg
L=1000/500/300mm



Baffel type Size :1000x95x177mm Net Weight :5.2kg
L=1000/500/300mm



RWW-100

DMX 512 | -30～+45°C | 2700-6000K

IP66 | DC 24V | CE

High power narrow angle wall washer.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

3.5° 8° 15° 30°

Anti-glare Baffle(Y)

T-shape bracket

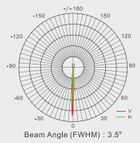
INTRODUCTION

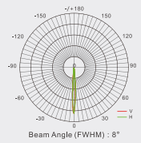
The double-row mixed light design is adopted to make the light effect more uniform and more three-dimensional under the background of the wall.The color rendering index Ra>85 shows the object itself and details to the greatest extent and restores its true color.

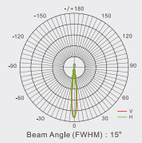
CHARACTERISTICS

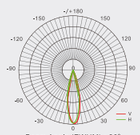
- Ultra high power wallwasher, DC/AC optional
- Light mixed evenly, ultra bright wallwashing, thin and light design, easy installation
- Can be applied in transcending building screens to solve difficulties of installation
- The multiple choices of mono color, RGB, RGBW, 4in1 and light angle make the product more flexible and the application scene more diverse
- Professional heat dissipation, waterproof and breathable breathing match is adopted to prolong the service life and light maintenance rate of LED

PHOTOMETRY


Beam Angle (FWHM) : 3.5°


Beam Angle (FWHM) : 8°


Beam Angle (FWHM) : 15°

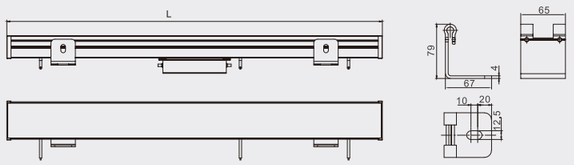

Beam Angle (FWHM) : 30°

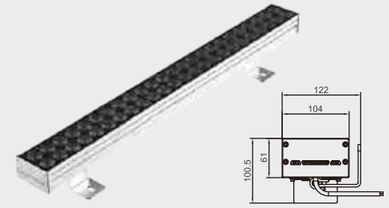
SPECIFICATION

Model	LED Quantity(PCS)	Power(W)	Beam angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RWW100	48	120	3.5	2700-6000K	8760-9480	73-79
			3.5/8	RGB	3840	32
		150	8/15/30	RGBW 4in1	6150-7200	41-48

PRODUCT SIZE

Lshape Bracket Size :1000x38x115mm Net Weight :5.5kg
L=1000/500/300mm





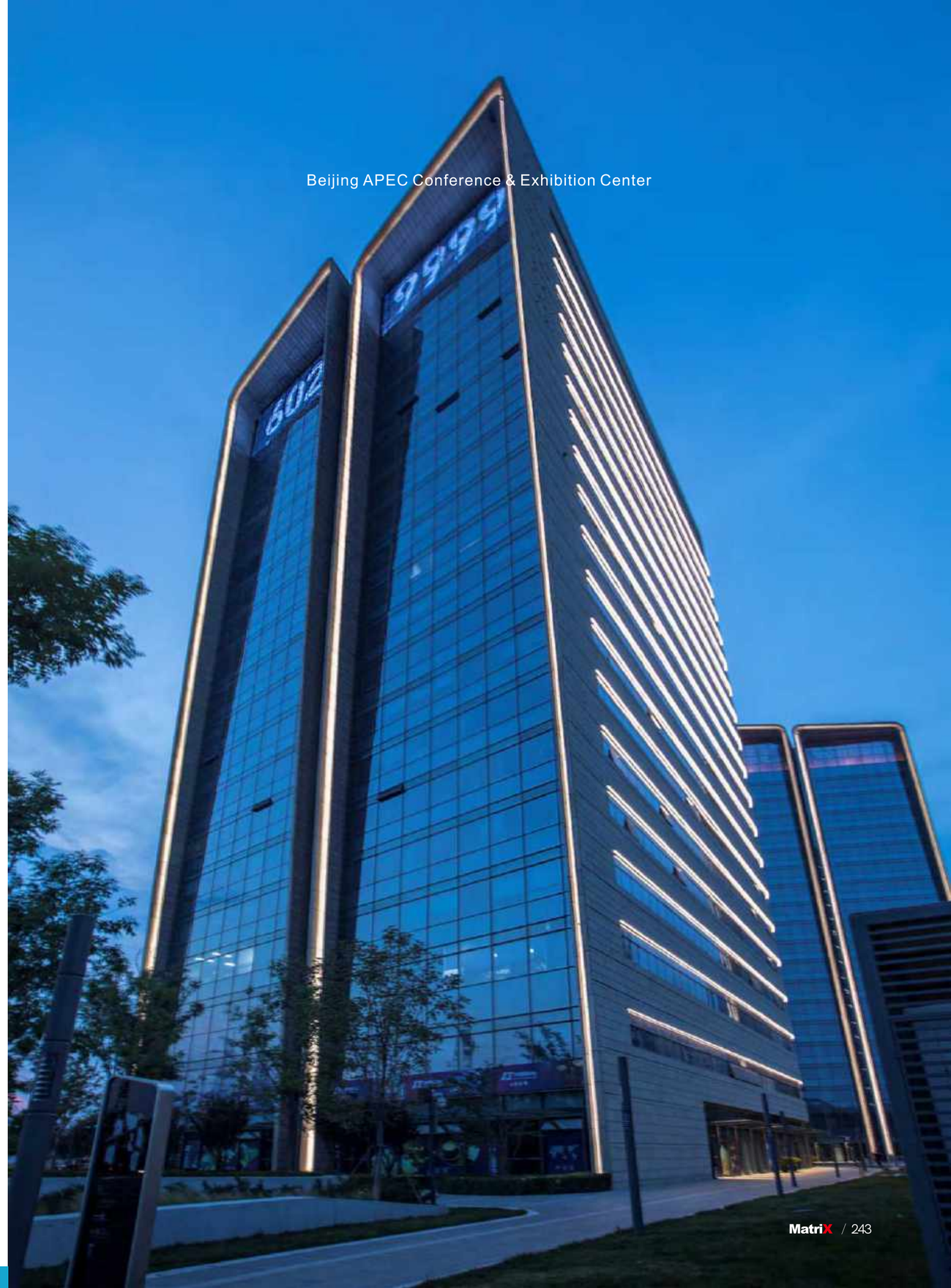
LED
Linear Light

MatriX

LED LINEAR& CONTOUR LIGHT

244 RLL15A
246 RLL22C
248 RLL25
250 RCL22C
252 RCL22P

	RLL	15A	RLL	22C	RLL	25	RCL	22C	RCL	22P
Power(W)	11-14		15		12-15		12-15		12	
Input Voltage	DC24V		DC24V		DC24V		DC24V		DC24V/DC48V	
Beam Angle(°)	120		45/60/120		120		120		120	
CCT(K)	2700-6000		2700-6000		2700-5700		2700-5700		2700-5700	
RGB/RGBW	●		●		●		●		●	
Alu Cover			●							
PMMA Cover										
Milky PC Cover	●						●			
Clear PC cover									●	
DMX512	●		●				●			


Beijing APEC Conference & Exhibition Center

RLL-15A

DMX 512 | -40～+45°C | 2700-6000K

IP66 | DC 24V

Flexible installation,ultra slim linear.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

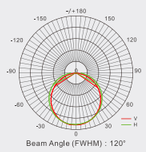
| INTRODUCTION |

The compact aluminum lamp body is extruded, and the internal cavity is filled with glue for waterproof treatment. It can be processed into different colors according to the needs of the project, and its narrow surface design can be used for the installation of the thin trunking of the building facade.

CHARACTERISTICS

- Exquisite appearance, uniform light output
- Flexible installation and customizable
- Applicable to architecture, ancient buildings and bridge contours
- Equipped with high heat resistant plastic end cover
- PMMA square spotlight shield with high transmittance is optional to prevent color temperature shift and enhance light output brightness

| PHOTOMETRY |



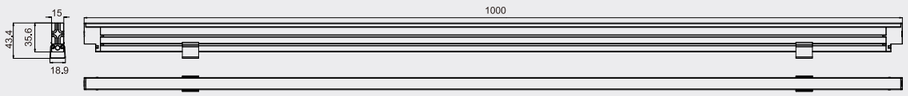
Beam Angle (FWHM) : 120°

| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RLL15A	11	48	120	2700-6000K	100-130	2-2.7
	12			RGB	45-51	0.9-1
	14			RGBW	55-62	1.1-1.3

| PRODUCT SIZE |

RLL15A Size：1000(L) x 18.9(W) x43.4 (H) mm Net Weight：0.65kg



RLL-22C

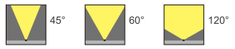
DMX 512 | -40～+50°C | 2700-6000K

IP65 | DC 24V

Full-color multi-stage change, flexible installation, ultra slim linear.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



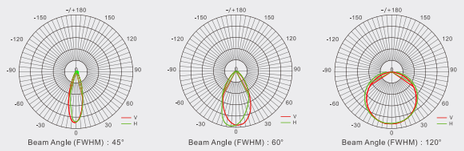
| INTRODUCTION |

It can be processed into different colors according to the needs of the project, and its narrow surface design can be used for the installation of the thin trunking of the building facade.The very slim cross section allows for discreet installation.Up to 48 LED particles are used to ensure that the light from all angles is soft and uniform without particle feeling.

CHARACTERISTICS

- Exquisite appearance, uniform light output
- Flexible and customizable installation
- Applied for architecture, ancient buildings and bridge contours
- Equipped with high heat resistant plastic end cover

| PHOTOMETRY |



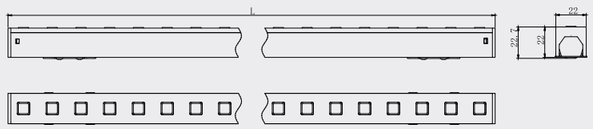
| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RLL22C	48	15	45/60/120	2700-6000K	675-680	45-45.3
		15	45/60/120	RGBWH	335-340	22.3-22.6

| PRODUCT SIZE |

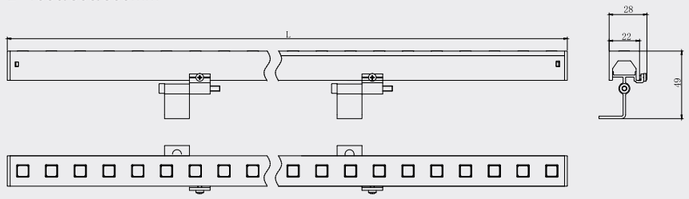
Clip bracket Size：312x22x23mm Net Weight：0.5kg

L=1000/500/300mm



L-shape bracket Size：312x22x23mm Net Weight：0.5kg

L=1000/500/300mm



RLL-25

DMX 512 | -30～+50°C | 2700-5700K

IP65 | DC 24V

Homogeneous light mixing; Multiple holders.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

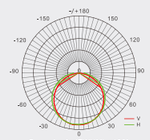
INTRODUCTION

It can be processed into different colors according to the needs of the project, and its narrow surface design can be used for the installation of the thin trunking of the building facade.The very slim cross section allows for discreet installation.Up to 48 LED particles are used to ensure that the light from all angles is soft and uniform without particle feeling.

CHARACTERISTICS

- Various brackets and mounting methods; A more complete on-site solution with its own cable
- channel, meeting the need to hide the wire routing on facades

PHOTOMETRY



Beam Angle (FWHM) : 120°

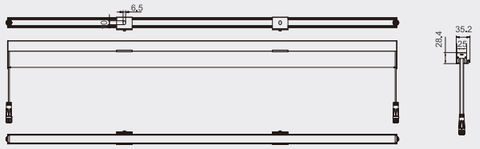
SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RLL25	48	15	120	2700-5700K	565-735	39-49
		12	120	RGB	270-420	18-28
		15	120	RGBW	150-270	12.5-22.5

PRODUCT SIZE

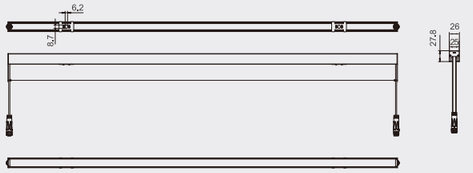
Clip bracket Size：1000x25x28.4mm Net Weight：0.6kg

L=1000/500/300mm



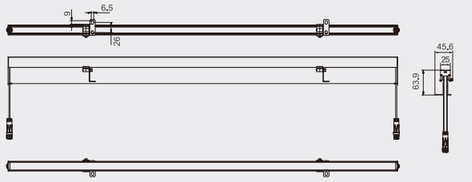
Rotate bracket Size：1000x25x28.4mm Net Weight：0.6kg

L=1000/500/300mm



Rotate bracket Size：1000x25x63.9mm Net Weight：0.6kg

L=1000/500/300mm



RCL-22C

DMX 512

-40～+50°C

2700-5700K

IP65

DC 24V

Exquisite appearance, flexible installation, low-power contouring light.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

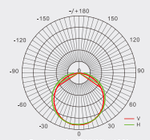
| INTRODUCTION |

The internal cavity is filled with glue for waterproof treatment, and can be processed into different colors according to the needs of the project. A variety of color temperatures can be selected to meet the requirements of the designer.

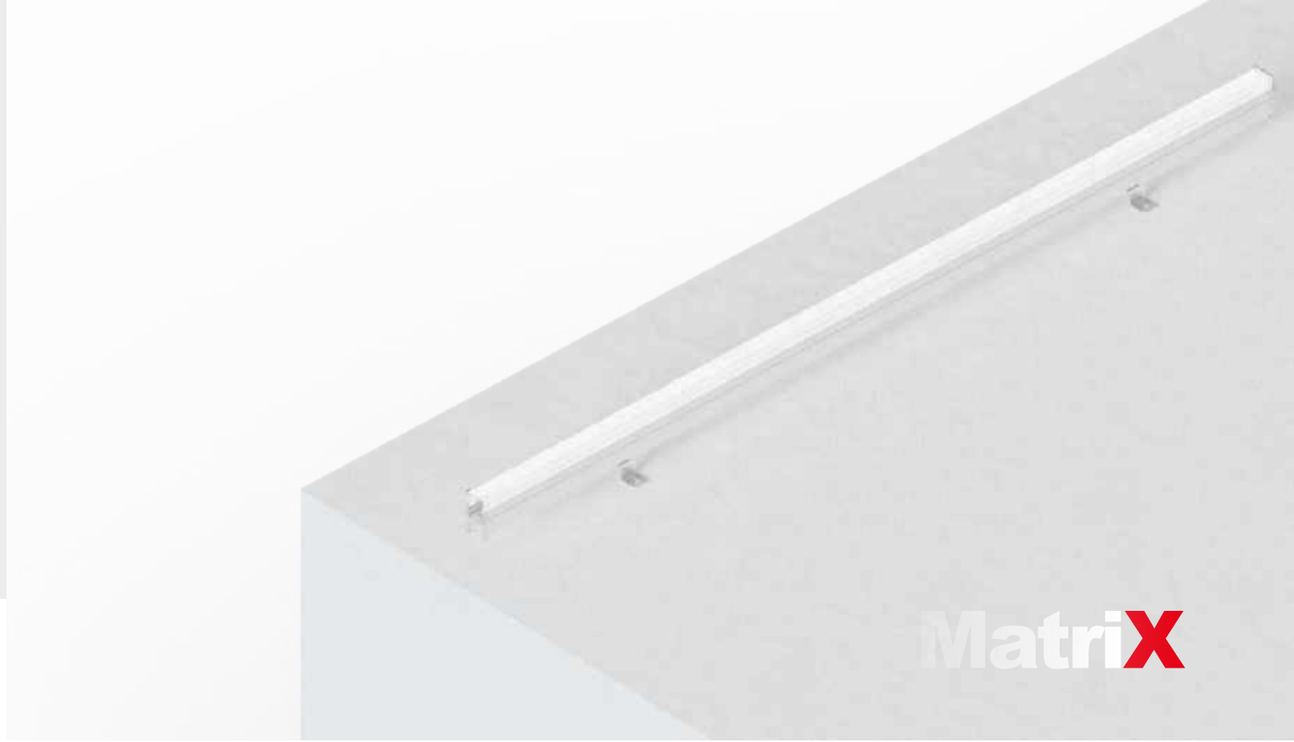
CHARACTERISTICS

- Exquisite appearance, uniform light output.
- Flexible and customizable installation.
- Applied for architecture, ancient buildings and bridge contours
- The top of the light source cavity adopts an arc PMMA solid uniform light cover
- IP65 innovative waterproof structure design

| PHOTOMETRY |



Beam Angle (FWHM) : 120°

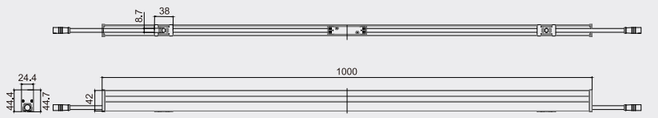


| SPECIFICATION |

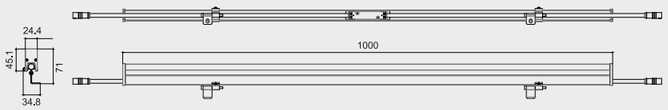
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RCL22C	48	12	120	RGBW4in1	216	18
		15		2700-5700K	520	35
				RGBW4in1	220	15

| PRODUCT SIZE |

RCL-22C Snap-on bracket Size：1000x24.4x44.7mm Net Weight：0.55kg



RCL-22C Rotate bracket Size：1000x34.8x71mm Net Weight：0.55kg



RCL-22P

DMX 512 | -40～+50°C | 2700-5700K

IP65 | DC 24V | DC 48V

Exquisite appearance, flexible installation, low-power contouring light.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

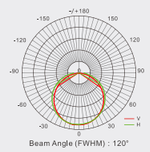
| INTRODUCTION |

The internal cavity is filled with glue for waterproof treatment, and can be processed into different colors according to the needs of the project. A variety of color temperatures can be selected to meet the requirements of the designer.

CHARACTERISTICS

- Exquisite appearance, uniform light output
- Flexible and customizable installation
- Applied for architecture, ancient buildings and bridge contours
- The top of the light source cavity adopts an arc PMMA solid uniform light cover
- IP65 innovative waterproof structure design

| PHOTOMETRY |



Beam Angle (FWHM) : 120°

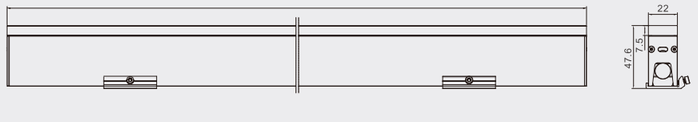
| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RCL22P 24V	48	12	120	2700-5700K	342-378	29-32
				RGB	92-101	7-8
				RGBW	124-137	10-15
RCL22P 48V	48	12	120	2700-5700K	314-347	26-29
				RGB	86-95	7-8
				RGBW	114-126	10-11

| PRODUCT SIZE |

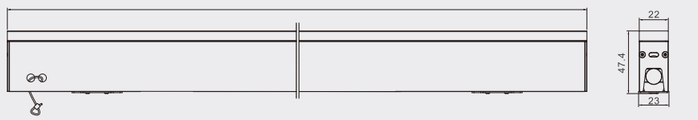
A bracket Size：1000x22x47.4mm Net Weight：0.82kg

L=1000/500/300mm



A bracket Size：1000x22x47.6mm Net Weight：0.82kg

L=1000/500/300mm



RGLL-70S

DMX 512 | -30～+45°C | 2700-6000K

IP67 | DC 24V

Seamless but brightening the facade, ultra-close and deep anti-glare inground lights.

Luminaire colour code

Graphite Black
RAL9011

15° 30° 45° 60°

20X40° 15X60°

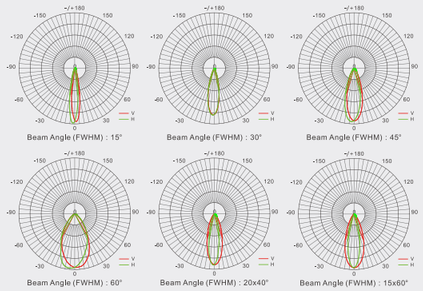
INTRODUCTION

Multiple power, angle and color temperature meet the free imagination of designers and more solutions.Vivid color and no dark side in series connection.

CHARACTERISTICS

- Easier installation, good concealment
- Built-in anti-glare structure design
- Lean against the wall closely and wash the wall evenly
- Applied to monuments, city walls, building walls
- It is made of highly corrosion-resistant die-cast aluminum shell and glass cover to provide protection in the worst environment

PHOTOMETRY



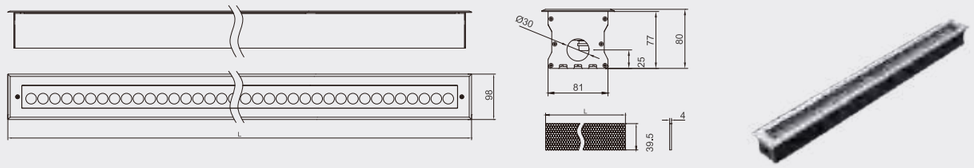
SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RGL70S	18	18	15/30/45/60/ 20x40/15x60	2700-6000K	1296-1350	72-75
				RGB	396-414	22-23
	24	24		2700-6000K	1728-1800	72-75
				RGB	528-552	22-23
	36	36		2700-6000K	2592-2700	72-75
	18	24	15/30/20x40/ 15x60	RGBW 4in 1	408-456	17-19
	18	36		RGBW 4in 1	612-684	17-19

PRODUCT SIZE

RGL70S Size：1000x98x80mm Net Weight：4.8kg

L=1000/500/300mm



EXTENSION SERIES

MatriX

EXTENSION SERIES

260 RWP80
262 RWP140
264 RDL65
266 RWL100S
268 RWL320
270 RWL410
272 RSL75
274 RSL50S
276 RSL55

RWP|80

RWP|140

RDL|65

RWL|100S

Product name	Wall pack	Wall pack	Down light	Window light
Power (W)	3-12	12-16	3-8	7
Input Voltage	DC24V	DC24V	DC24V	DC12V/DC24V
Beam Angle(°)	4/7/8/15/20/30/15*45	7/8/15/20/30/15*45	4/7/15/20/30/15*45	3*180
CCT(K)	2700-6000	2700-6000	2700-6000	2700-6000
Anti-glare accessories		●		
DMX512	●			

RWL|320

RWL|410

RSL|75

RSL|50S

RSL|55

Product name	Window light	Window light	Step light	Step light	Step light
Power (W)	9-12	18-24	3	3	6-8
Input Voltage	DC24V	DC24V	DC12V/DC24V	DC12V/DC24V	DC12V/DC24V
Beam Angle(°)	10*150	10*150	7/15/25	7/15/25	7/8/15/20
CCT(K)	2700-5700	2700-5700	2700-6000	2700-6000	2700-6000
Anti-glare accessories			●	●	●
DMX512	●	●			

Yellow Crane Tower, Wuhan Military Games

RWP-80

-30～+45°C

2700-6000K

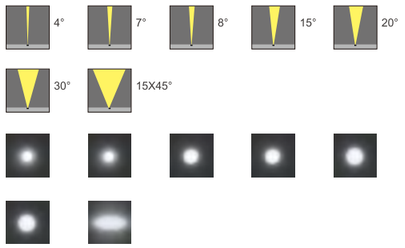
IP66

DC 24V

Simple appearance, convenient installation, compatible with indoor and outdoor wall lamp.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



INTRODUCTION

Simple appearance, convenient installation, one-way or two-way lighting, and one-way lighting specification, can be indoor and outdoor use.

CHARACTERISTICS

- Fully multi-scene application
- Applied to aisle niches, pillars, architectural walls, wall decorative lighting and functional lighting
- Primary light distribution technology
- Aviation aluminum alloy lamp body, imported optical lens material, corrosion resistance and ultraviolet resistance

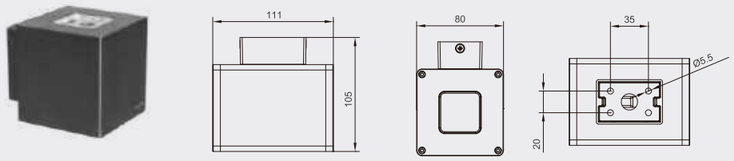
PHOTOMETRY

SPECIFICATION

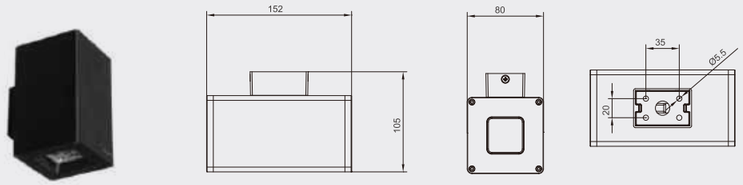
Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RWP80 Single head	1	3	4	2700-6000K	163	60
	3	6	7/20/30	2700-6000K	416-483	70-81
	4	8	8/15/30/15x45	2700-6000K	589-628	77-82
RWP80 Double Head	2	6	4	2700-6000K	326	60
	6	12	7/20/30	2700-6000K	832-966	70-81
	8	12	8/15/30/15x45	2700-6000K	883-942	77-82

PRODUCT SIZE

RWP80 Single head Size：80x105x111mm Net Weight：0.6kg



RWP80 Double Head Size：80x105x152mm Net Weight：0.9kg



RWP-140

20～+55°C

2700-6000K

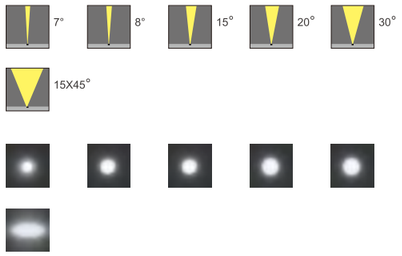
IP66

DC 24V

Simple appearance, easy installation, wall light compatible with indoor and outdoor use.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



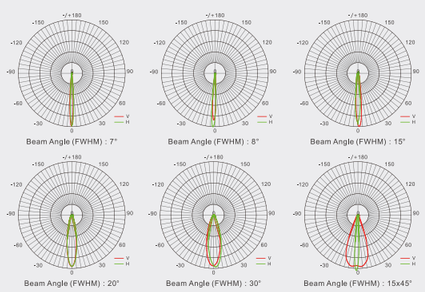
| INTRODUCTION |

Simple appearance, convenient installation, one-way lighting specification, indoor and outdoor use.

CHARACTERISTICS

- > Meet the application of multiple scenes
- > Used in aisles, corridors, columns, building facades, wall decorative lighting and functional lighting
- > Primary light distribution technology
- > Aviation aluminum alloy lamp body, imported optical lens material, corrosion resistance and ultraviolet resistance

| PHOTOMETRY |

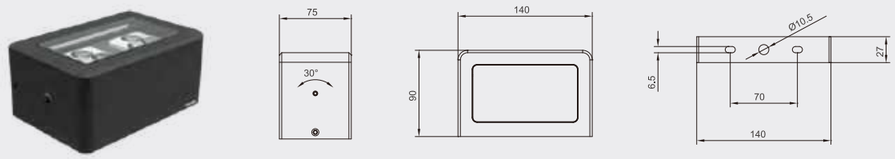


| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RWP140	6	12	7/20/30	2700-6000K	778-919	64-75
	8	16	8/15/30/15x45	2700-6000K	1073-1102	68-70

| PRODUCT SIZE |

RWP140 Size：140x90x75mm Net Weight：0.85kg



RDL-65

20～+55°C

2700-6000K

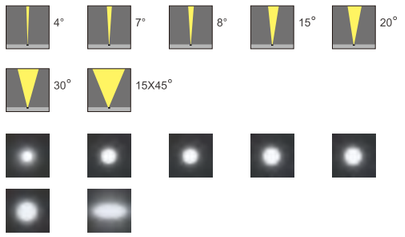
IP66

DC 24V

Simple appearance, easy installation, wall light compatible with indoor and outdoor use.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



INTRODUCTION

Multi-power and angle can be selected by designers, focusing on light and shape.

CHARACTERISTICS

- Meet the application of multiple scenes
- Used in aisles, corridors, columns, building facades, wall decorative lighting and functional lighting
- High-quality materials and productions techniques were used to guarantee their IP66 rating
- Aviation aluminum alloy lamp body, imported optical lens material, corrosion resistance and ultraviolet r esistance

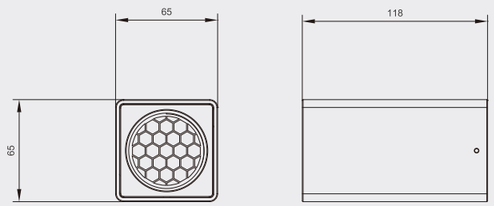
PHOTOMETRY

SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RDL65	1	3	4	2700-6000K	163	60
	3	6	7/20/30	2700-6000K	416-483	70-81
	4	8	8/15/30/15x45	2700-6000K	589-628	77-82

PRODUCT SIZE

RDL65 Size：65x65x118mm Net Weight：0.25kg



RWL-100S

-30～+45°C

2700-6000K

IP66 | DC 12V | DC 24V

Exquisite and compact, arc-shaped luminous, multi-color window lamp.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

3X180°

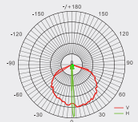
| INTRODUCTION |

180 ° small angle precise light control without dark area, innovative self-developed optical design. Create a uniform, pure, and impurity free extreme light color, and blend natural light into the environment.

CHARACTERISTICS

> Die-casting body shape, exquisite and beautiful
> 180 degree uniform light output, precise light control
> Can be applied in niches, aisles, windowsills
> IP66 , high strength waterproof, stable heat dissipation and longer lifetime

| PHOTOMETRY |

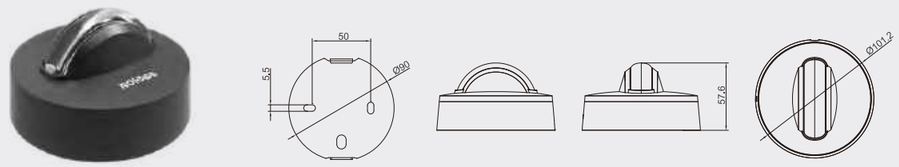


| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RWL100S	1	7	3x180	2700-6000K	385	55

| PRODUCT SIZE |

RWL100S Size：Ø101.2mmX57.6 Net Weight：0.35kg



RWL-320

DMX 512

-40～+50°C

2700-5700K

4in1

IP66

DC 24V

Exquisite and compact,muti-color window lamp.

Luminaire colour code

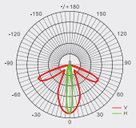
Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

10X150°

CHARACTERISTICS

- 13:20Exquisite appearance,uniform light output
- Flexible and customizable installation
- Mono color, RGB/RGBW, various color configuration, showing the beauty of architecture
- 12-24w high-power configuration, wider and more stereo light output range, to meet the space lighting require-ments of window sills in different scenes

PHOTOMETRY



Beam Angle (FWHM) : 10x150°

INTRODUCTION

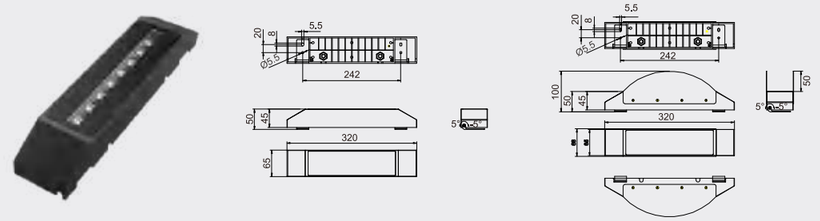
180 ° small angle precise light control without dark area, innovative self-developed optical design. Create a uniform, pure, and impurity free extreme light color, and blend natural light into the environment. Hidden bracket design, free and flexible angle adjustment, convenient installation.

SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RWL320	6	9	10x150	2700-5700K	520-540	58-60
	8	9		RGBWH	300-315	33-35
	6	12		2700-5700K	700-720	58-60
	8	12		RGBWH	400-420	33-35

PRODUCT SIZE

RWL320 DC24V Size：320mm(L) x65mm(W) x50mm (H) Net Weight：0.9kg



RWL-410

DMX 512

-40～+50°C

2700-5700K

4in1

IP66

DC 24V

Exquisite and compact,muti-color window lamp.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032

10X150°

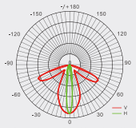
INTRODUCTION

180 ° small angle precise light control without dark area, innovative self-developed optical design. Create a uniform, pure, and impurity free extreme light color, and blend natural light into the environment. Hidden bracket design, free and flexible angle adjustment, convenient installation.

CHARACTERISTICS

- 13:20Exquisite appearance,uniform light output
- Flexible and customizable installation
- Mono color, RGB/RGBW, various color configuration, showing the beauty of architecture
- 12-24w high-power configuration, wider and more stereo light output range, to meet the space lighting requirements of window sills in different scenes

PHOTOMETRY



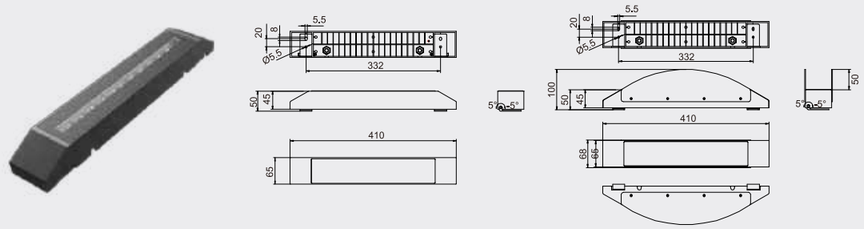
Beam Angle (FWHM) : 10x150°

SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RWL410	9	18	10x150	2700-5700K	1000-1080	56-60
	10	18		RGBWH	600-630	34-35
	12	24		2700-5700K	1380-1440	58-60
	12	24		RGBWH	800-840	34-35

PRODUCT SIZE

RWL410 DC24V Size：410mm(L) x65mm(W) x50mm (H) Net Weight：1.1kg



RSL-75

-20～+55°C

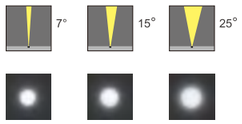
2700-6000K

IP66 | DC 12V | DC 24V

Anti-insect and anti-collision safety guarantees internal anti-glare, multi-scene application.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



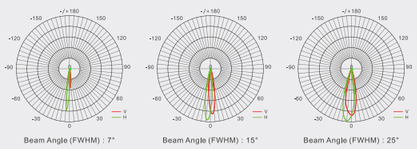
| INTRODUCTION |

Simple design, compact size, easy to hide in the scene.

CHARACTERISTICS

- Die-casting integrated moulding, exquisite and beautiful
- Front 2.5mm transparent tempered glass, anti-insect and anti-collision
- Built-in honeycomb anti-glare treatment, no glare within 4~5m
- Multi-surface installation, wide range of applications
- Suitable for indoor and outdoor steps and walkways
- Green and recyclable aviation aluminum alloy material
- The surface is treated with black matte texture Corrosion resistance and ultraviolet resistance

| PHOTOMETRY |

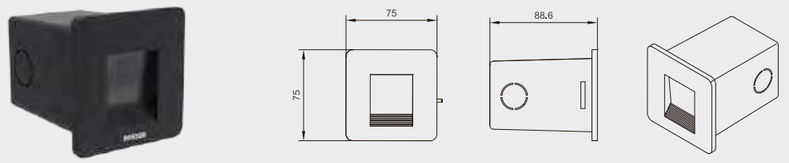


| SPECIFICATION |

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RSL75	1	3	7/15/25	2700-6000K	81-86	27-29

| PRODUCT SIZE |

RSL75 Size：75×75×88.6mm Net Weight：0.25kg



RSL-50S

-20～+55°C

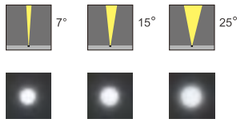
2700-6000K

IP66 | DC 12V | DC 24V

Anti-insect and anti-collision safety guarantees internal anti-glare, multi-scene application.

Luminaire colour code

Graphite Black RAL9011	Iron Grey RAL7011	Signal White RAL9003	Signal Green RAL6032



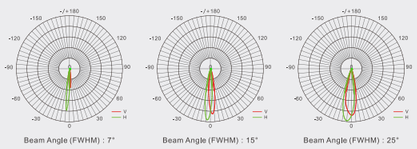
INTRODUCTION

The ingenious design of quarter circle allows it to maximize its professional functions in various scenarios. It can not only be used in the step scene, but also be perfectly displayed in the right angle area of various buildings.

CHARACTERISTICS

- Die-casting integrated moulding, exquisite and beautiful
- Front 2.5mm transparent tempered glass, anti-insect and anti-collision
- Built-in honeycomb anti-glare treatment, no glare within 4~5m
- Multi-surface installation, wide range of applications
- Suitable for indoor and outdoor steps and walkways
- Green and recyclable aviation aluminum alloy material
- The surface is treated with black matte texture Corrosion resistance and ultraviolet resistance

PHOTOMETRY

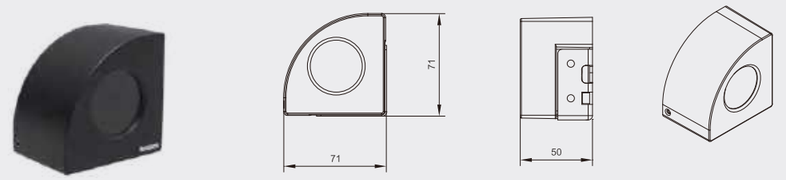


SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RSL50S	1	3	7/15/25	2700-6000K	85-91	28-30

PRODUCT SIZE

RSL50S Size：71×71×50mm Net Weight：0.25kg



RSL-55

-30～+45°C

2700-6000K

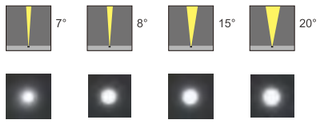
IP66

DC 24V

Anti-insect and anti-collision safety guarantees internal anti-glare, multi-scene application.

Luminaire colour code

Graphite Black	Iron Grey	Signal White	Signal Green
RAL9011	RAL7011	RAL9003	RAL6032



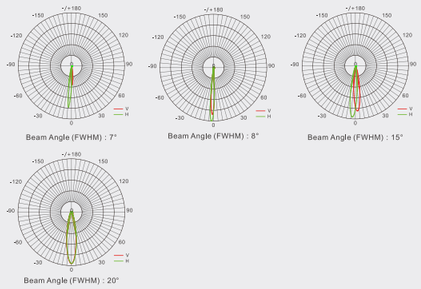
INTRODUCTION

The ingenious design of quarter circle allows it to maximize its professional functions in various scenarios. It can not only be used in the step scene, but also be perfectly displayed in the right angle area of various buildings.

CHARACTERISTICS

- Die-casting integrated moulding, exquisite and beautiful
- Front 2.5mm transparent tempered glass, anti-insect and anti-collision
- Built-in honeycomb anti-glare treatment, no glare within 4~5m
- Multi-surface installation, wide range of applications
- Suitable for indoor and outdoor steps and walkways
- Green and recyclable aviation aluminum alloy material
- The surface is treated with black matte texture Corrosion resistance and ultraviolet resistance

PHOTOMETRY

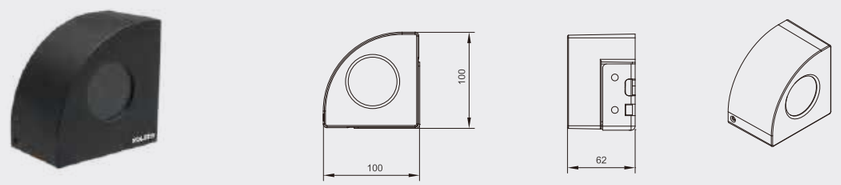


SPECIFICATION

Model No.	LEDs (PCS)	Power Consumption(w)	Beam Angle(°)	CCT	Lumens output(lm)	Efficacy(lm/w)
RSL55	3	6	7/20	2700-6000K	131-280	21-40
	4	8	8/15	2700-6000K	239-302	30-38

PRODUCT SIZE

RSL55 Size：100×100×62mm Net Weight：0.5kg



STAGE Lighting

ARTYMEDIA

Performing Art Lighting Solutions

Artymedia series is a new product series of ROLEDS. With the ultimate light & color technology and art & culture concept, it creates the crossover and integration of outdoor lighting, interactive projection and holographic projection. The entire series pursues the display of digital multimedia art, technology-enabled intelligent lighting, building a meta-universe of light, as well as insisting on people-oriented, providing green low-carbon and efficient lighting system solutions,integrating survey, design, customization, verification, delivery and maintenance, to meet the needs in an all-round way.

ROLEDS

RATY | 2201

RATY | 2202

RASW | 2201

RAPY | 2201

Power(W)	150/250/350	150/250/350	150/250/350	150/250/350
LED Power(w)	120/200/300	120/200/300	120/200/300	120/200/300
Beam Angle(°)	30/45	30/45	30/45	30/45
CCT(K)	7 Colors+White	7 Colors+White	7 Colors+White	7 Colors+White
Pattern	7 Patterns+White	7 Patterns+White	7 Patterns+White	7 Patterns+White
Control Method	DMX512/RDM	DMX512/RDM	DMX512/RDM	DMX512/RDM
DMX channels	9CH/11CH/13CH	12CH/14CH/17CH	9CH/11CH/13CH	9CH/11CH/13CH
Weight(Kg)	8.3	13.5	8.3	8.3
Physical(mm)	233x297x297	233x438x341	233x297x297	233x297x297

RAYH | 2201

RAYH | 2201X

RARS | 2201

RARS | 2202

RARS | 2203

Power(W)	15	10	36	72	120
LED Power(w)	2	2	/	/	/
Light Source Color	White	RGB	RGBW	RGBW	RGBW
Beam Angle(°)	70	70	15/25/30/45	15/25/30/45	15/25/30/45
Control Method	DMX512/RDM	DMX512/RDM	DMX512/RDM	DMX512/RDM	DMX512/RDM
DMX channels	4	7	11CH/HSV	11CH/HSV	11CH/HSV
Weight(Kg)	2.5	2.5	4	5.1	6.9
Physical(mm)	154x208x155	154x208x155	211x154x247	252x152x273	290x164x310
CCT(K)	/	/	1800-7000	1800-7000	1800-7000

RATY-2201

RDM DMX512 SCREEN LOCK

IP66 CE

Smart projection light, Convenient switching programs ,intelligent heat dissipation system, one machine to achievea variety of dynamic effects.

Luminaire colour code

Graphite Black
RAL9011

| INTRODUCTION |

As a new type of high -quality effect light independently developed by ROLEDS, it is lighter and convenient in the same power. The perfect combination of international advanced electronic control technology and excellent humanized industrial design ensures the perfect display of lighting.

CHARACTERISTICS

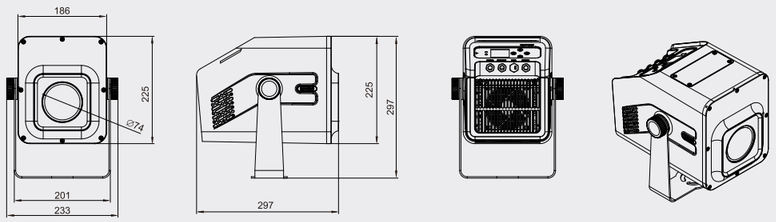
- > The patented design of the top switching pattern, quickly replace the pattern
- > OLED touch screen, screen lock prevents mistakenly touching, automatic detection function with the whole machine
- > Intelligent air-cooled heat dissipation, according to the ambient temperature frequency conversion
- > Highlighted lens, easy to focus
- > Copact size with die-casting housing, Ip66
- > DMX or Auto Mode with Master-Slave function

| SPECIFICATION |

Model	Power (w)	LED	Angle(°)	CCT	Pattern	Control method
RATY2201	150	120W LED	30/45	7 COLOR+ WHTE LIGHT	7 PATTERNS+ WHITE	DMX512/RDM
	250	200W LED				
	350	300W LED				

| PRODUCT SIZE |

RATY-2201 Size：233×297×297mm Net Weight：8.3Kg



RATY-2202

RDM
DMX512

8°-40°

SCREEN
LOCK

IP66 CE

Smart projection light, Convenient switching programs ,intelligent heat dissipation system, one machine to achievea variety of dynamic effects.

Luminaire colour code

Graphite Black
RAL9011

8-40°

| INTRODUCTION |

As a medium-sized power multi-functional zoom projection light, it is equipped with an efficient optical system combined with an intelligent electronic zoom of 8°-40. Professional color wheel and gobo wheel present colorful pattern. With stable quality and perfect functions, it shows its excellent lighting effect.

CHARACTERISTICS

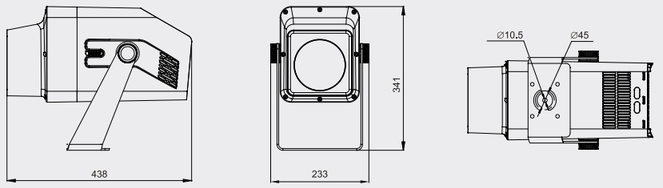
- > The patented design of the top switching pattern, quickly replace the pattern
- > OLED touch screen, screen lock prevents mistakenly touching, automatic detection function with the whole machine
- > 5x zoom, 8°-40° adjustable, highlighted lens., easy to focus
- > Intelligent air-cooled heat dissipation, according to the ambient temperature frequency conversion
- > Copact size with die-casting housing, IP65
- > DMX or Auto Mode with Master-Slave function

| SPECIFICATION |

Model	Power (w)	LED	Angle(°)	CCT	Pattern	Control method
RATY2202	150	120W LED	8-40	7 COLOR+ WHTE LIGHT	7 PATTERNS+ WHITE	DMX512/RDM
	250	200W LED				
	350	300W LED				

| PRODUCT SIZE |

RATY-2202 Size：233×438×341mm Net Weight：13.5Kg



RASW-2201

RDM DMX512 SCREEN LOCK

IP66 CE

Integrated body, Intelligent heat dissipation system, Multi-color running water effect change.

Luminaire colour code

Graphite Black
RAL9011

| INTRODUCTION |

The performance of optics, structure, appearance and other aspects has reached the high standard level in the industry. It adopts high-brightness light source, multi-color carousel, frequency conversion heat dissipation, waterproof and dustproof, excellent optical technology and rigorous industrial design to ensure the perfect display of lighting.

CHARACTERISTICS

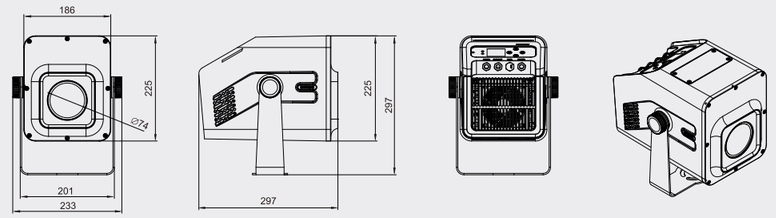
- 7 kinds of colors can be flexibly called, which can present a rainbow flowing effect
- OLED touch screen, screen lock prevents mistakenly touching, automatic detection function with the whole machine
- Intelligent air-cooled heat dissipation, according to the ambient temperature frequency conversion
- Copact size with die-casting housing, IP66
- DMX or Auto Mode with Master-Slave function

| SPECIFICATION |

Model	Power (w)	LED	Angle(°)	CCT	Pattern	Control method
RASW2201	150	120W LED	30/45	7 COLOR+ WHTE LIGHT	DOUBLE OCEAN WAVE DISCS,CAN BE REVERSED SEPARATELY	DMX512/RDM
	250	200W LED				
	350	300W LED				

| PRODUCT SIZE |

RASW-2201 Size：233×297×297mm Net Weight：8.2Kg



RAPY-2201

RDM DMX512 SCREEN LOCK

IP66 CE

Multi-graph fixed focus projection, Convenient switching programs, Innovative and multi-functional design.

Luminaire colour code

Graphite Black
RAL9011

| INTRODUCTION |

The appearance design of modern technology, adheres to the concept of low - carbon environmental protection, adopts high brightness light sources, Multi-picture carousel , frequency conversion heat dissipation, waterproof and dustproof, excellent optical technology and rigorous industrial design to ensure the perfect presentation of lights.

CHARACTERISTICS

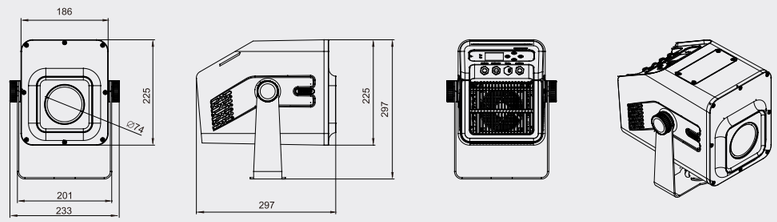
- > The patented design of the top switching pattern, quickly replace the pattern
- > OLED touch screen, screen lock prevents mistakenly touching, automatic detection function with the whole machine
- > Intelligent air-cooled heat dissipation, according to the ambient temperature frequency conversion
- > Copact size with die-casting housing, IP66
- > DMX or Auto Mode with Master-Slave function

| SPECIFICATION |

Model	Power (w)	LED	Angle(°)	Pattern	Control method
RAPY2201	150	120W LED	30/45	7 PATTERNS + WHITE GOBO EFFECT DISC	DMX512/RDM
	250	200W LED			
	350	300W LED			

| PRODUCT SIZE |

RAPY-2201 Size：233×297×297mm Net Weight：8.3Kg



RAYH-2201

RDM DMX512 SCREEN LOCK

IP66 CE

Easy operation, bright laser ultra wide Angle.

Luminaire colour code

Graphite Black
RAL9011

| INTRODUCTION |

Firefly light is a new type of product independently developed by ROLEDS. It has a technological style and a comprehensive glass screen. It adheres to the design concept of low carbon and environmental protection. It is small and exquisite, and its general installation design is suitable for various carriers.

CHARACTERISTICS

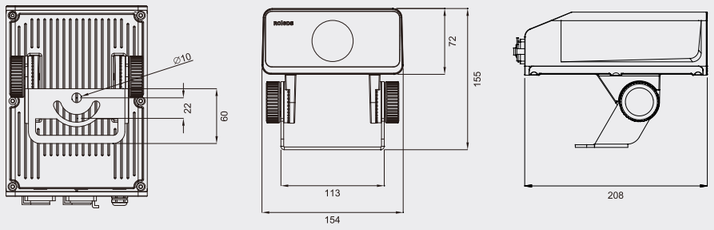
- Full glass screen, OLED touch screen, screen lock prevents mistakenly touching
- High-brightness laser with long range, super wide-angle large format, adjustable light speed
- Copact size with die-casting housing, IP66
- DMX or Auto Mode with Master-Slave function

| SPECIFICATION |

Model	Power (w)	LED	Angle(°)	Pattern	Control method
RAYH2201	15	2W WHITE Laser	70	THE ROTATION SPEED DIRECTION IS ADJUSTABLE, AND THE LIGHT SPOTS ARE ARRANGED IRREGULARLY	DMX512/RDM

| PRODUCT SIZE |

RAYH-2201 Size：154×208×155mm Net Weight：2.5Kg



RAYH-2201X

RDM
DMX512
SCREEN
LOCK

IP66 CE

Easy to operate, bright laser ultra-wide Angle, Create a romantic atmosphere.

Luminaire colour code

Graphite Black
RAL9011

| INTRODUCTION |

Starry light is a new type of product independently developed by ROLEDS. It has a technological style and a comprehensive glass screen. It adheres to the design concept of low carbon and environmental protection. It is small and exquisite, and its general installation design is suitable for various carriers.

CHARACTERISTICS

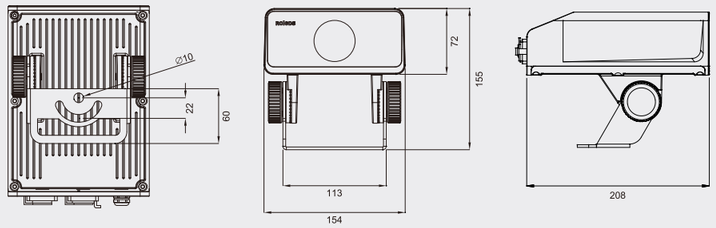
- Full glass screen, OLED touch screen, screen lock prevents mistakenly touching
- High-brightness laser with long range, super wide-angle large format, adjustable light speed
- Copact size with die-casting housing, IP66
- DMX or Auto Mode with Master-Slave function

| SPECIFICATION |

Model	Power (w)	LED	Angle(°)	Pattern	Control method
RAYH2201X	10	2W RGB Laser	70	THE ROTATION SPEED DIRECTION IS ADJUSTABLE, AND THE LIGHT SPOTS ARE ARRANGED REGULARLY	DMX512/RDM

| PRODUCT SIZE |

RAYH-2201X Size：154×208×155mm Net Weight：2.5Kg



RARS-2201

RDM DMX512 | 1800-7000K | SCREEN LOCK | HIGH CRI

IP66 CE

A large range of adjustable color temperature, smooth and linear dimming, suitable for a variety of scenarios.

Luminaire colour code

Graphite Black
RAL9011

CHARACTERISTICS

- > HSV color matching system, full color gamut, bright and saturated colors
- > Linearly adjustable color temperature 1800K~7000K, 24KHz high refresh rate
- > Copact size with die-casting housing, IP66
- > DMX or Auto Mode with Master-Slave function

INTRODUCTION

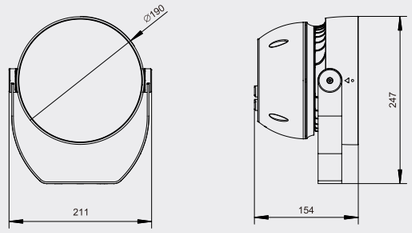
LED Par Light is a new product independently developed by ROLEDS. It adopts HSV color matching system, linearly adjusts color temperature, and frequency is adjustable. It is equipped with DMX512 and RDM technology, high-strength and all-round protection, and is widely used in outdoor projects.It is a small type designed for professional use.

SPECIFICATION

Model	Power (w)	LED	Angle(°)	CCT	Control method
RARS2201	36	18PCS MONO LED	15/25/30/45 OPTIONAL	LINEAR REGULATION OF COLOR TEMPERATURE	DMX512/RDM

PRODUCT SIZE

RARS-2201 Size：211×154×247mm Net Weight：4Kg



RARS-2202

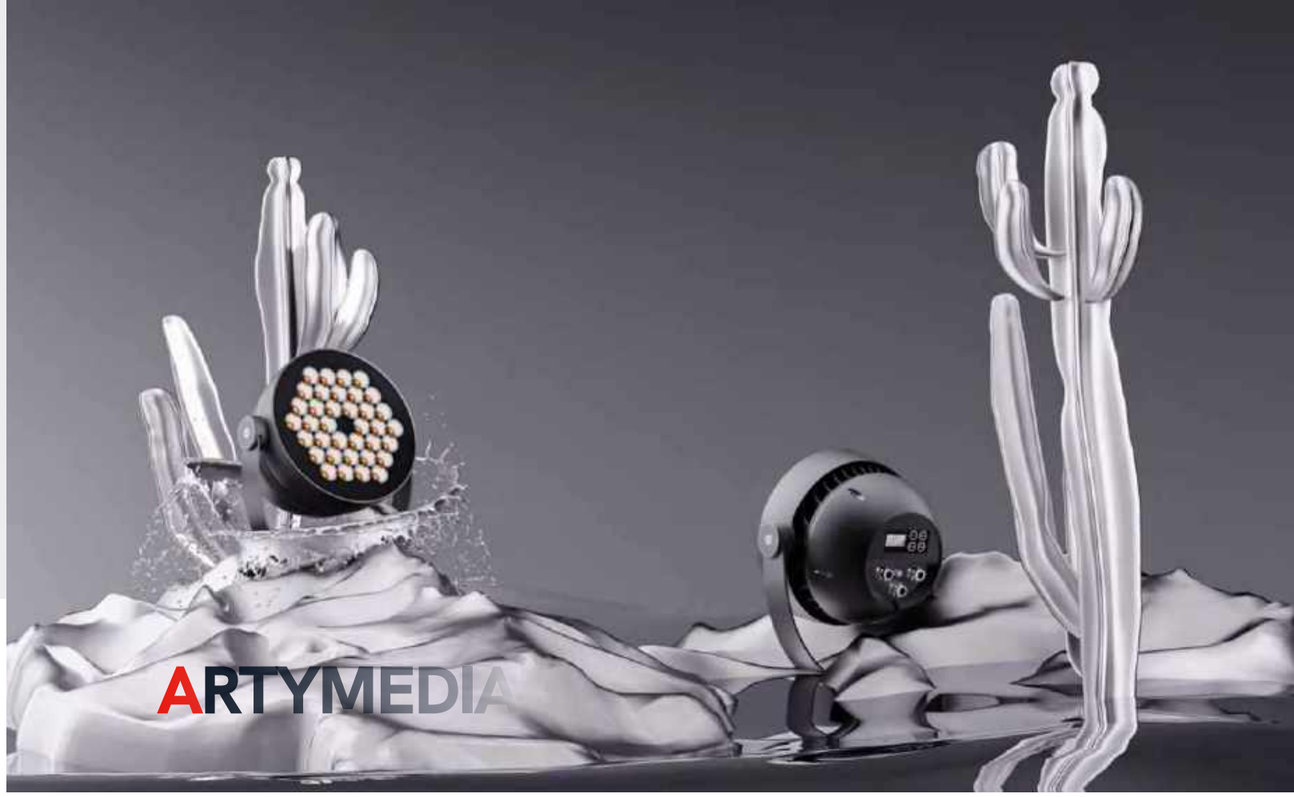
RDM DMX512 | 1800-7000K | SCREEN LOCK | HIGH CRI

IP66 CE

A large range of adjustable color temperature, smooth and linear dimming, suitable for a variety of scenarios.

Luminaire colour code

Graphite Black
RAL9011



15° 25° 30° 45°

| INTRODUCTION |

LED Par Light is a new product independently developed by ROLEDS. It adopts HSV color matching system, linearly adjusts color temperature, and frequency is adjustable. It is equipped with DMX512 and RDM technology, high-strength and all-round protection, and is widely used in outdoor projects.It is a small type designed for professional use.

CHARACTERISTICS

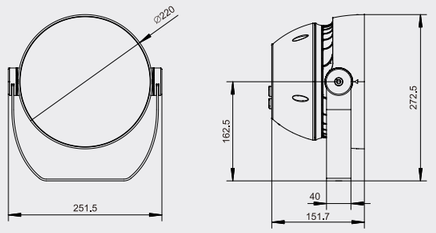
- > HSV color matching system, full color gamut, bright and saturated colors
- > Linearly adjustable color temperature 1800K~7000K, 24KHz high refresh rate
- > Copact size with die-casting housing, Ip66
- > DMX or Auto Mode with Master-Slave function

| SPECIFICATION |

Model	Power (w)	LED	Angle(°)	CCT	Control method
RARS2202	72	36PCS MONO LED	15/25/30/45 OPTIONAL	LINEAR REGULATION OF COLOR TEMPERATURE	DMX512/RDM

| PRODUCT SIZE |

RARS-2202 Size：251.5×151.7×272.5mm Net Weight：5.1Kg



RARS-2203

RDM DMX512 | 1800-7000K | SCREEN LOCK | HIGH CRI

IP66 CE

A large range of adjustable color temperature, smooth and linear dimming, suitable for a variety of scenarios.

Luminaire colour code

Graphite Black
RAL9011

CHARACTERISTICS

- HSV color matching system, full color gamut, bright and saturated colors
- Linearly adjustable color temperature 1800K~7000K, 24KHz high refresh rate
- Copact size with die-casting housing, IP66
- DMX or Auto Mode with Master-Slave function

INTRODUCTION

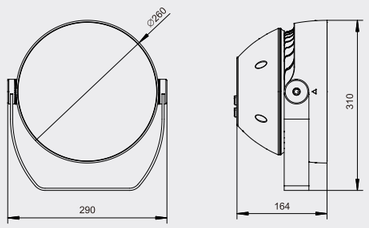
LED Par Light is a new product independently developed by ROLEDS. It adopts HSV color matching system, linearly adjusts color temperature, and frequency is adjustable. It is equipped with DMX512 and RDM technology, high-strength and all-round protection, and is widely used in outdoor projects.It is a small type designed for professional use.

SPECIFICATION

Model	Power (w)	LED	Angle(°)	CCT	Control method
RARS2203	120	54PCS MONO LED	15/25/30/45 OPTIONAL	LINEAR REGULATION OF COLOR TEMPERATURE	DMX512/RDM

PRODUCT SIZE

RARS-2203 Size：290×164×310mm Net Weight：6.9Kg



The data listed in the catalog is for reference only. It is subject to revise without notice.The accurate data is subject to the product specification sheet, Full or partial replication is prohibited without permission.