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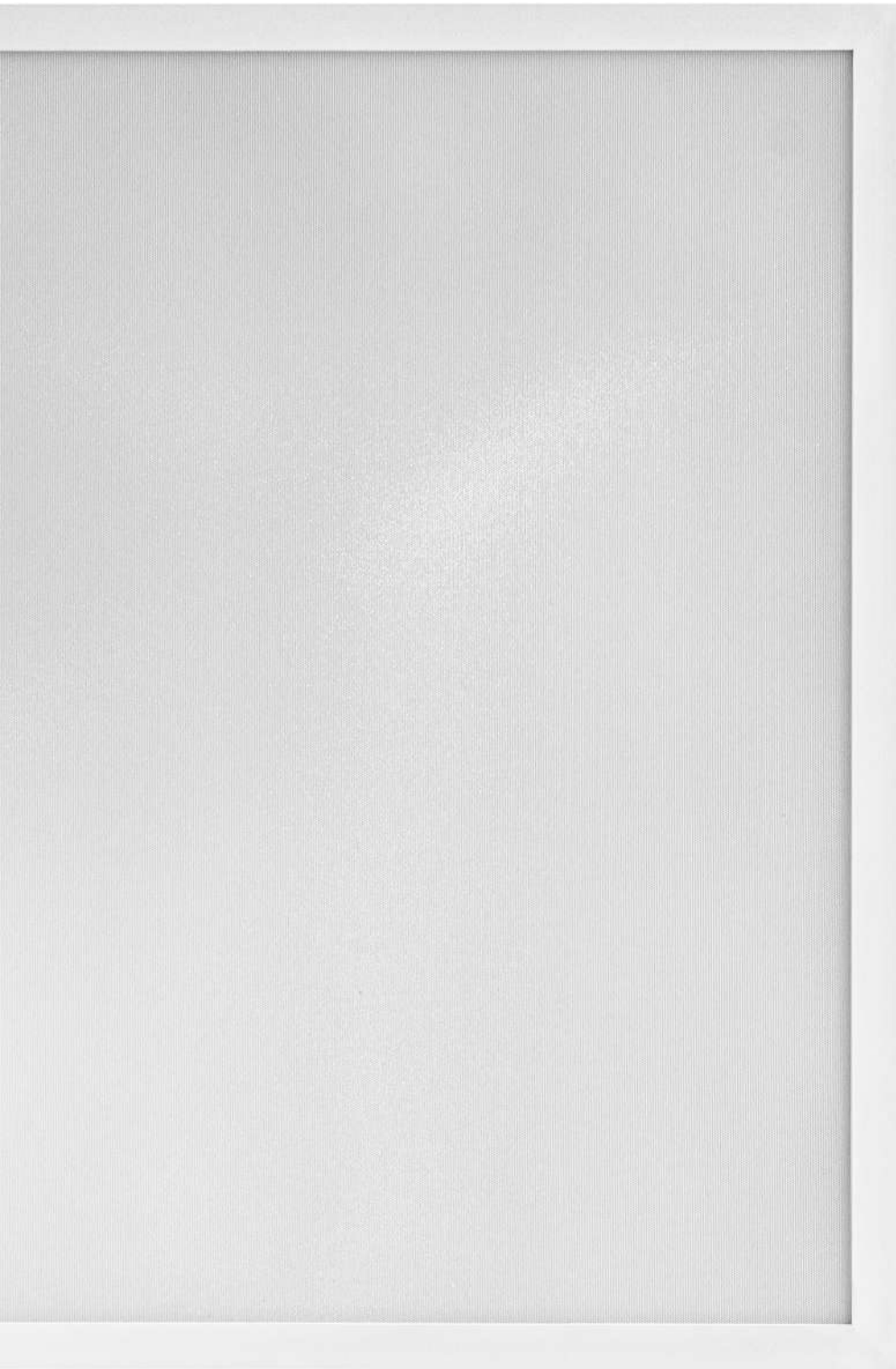
Our indoor lighting portfolio includes energy-efficient lighting fixtures, with which you can solve any problem of commercial lighting whether it's an industrial plant, warehouse, office, or store. High-quality components, high quality assembly guarantee you a great result and long service life.



TAKTON

RECESSED

TAKTON recessed luminaires are designed to meet energy efficiency requirements. The luminaires allow you to solve the problem of lighting offices, classrooms, computer classes, various public spaces with maximum comfort.



DPL098



BENEFITS

Operational cost savings, up to 50% savings
Appealing, uniform luminous surface solution
Best suited for offices
Back-lit technology
Low flicker level (less than 5%)
Efficacy up to 130 lm/W
Excellent light uniformity
Good color rendering (CRI >80)
Dimensions: 595×595; 620×620;

BACKLIT PANEL



PRODUCT INFORMATION

Optical cover: Microprismatic PMMA diffuser
Color Rendering Index (CRI): > 80
Light source: LED module
Ceiling type: Exposed T-bar ceiling
Managing: Fixed output as standard, DALI optional

ELECTRICAL PARAMETERS

Input Frequency: 50–60Hz
Power factor nominal: 0,95
Input voltage: 220 – 240 V
Power consumption: 27–35 W

MECHANICAL PARAMETERS

Ingress protection:
Individual: lay-in in exposed ceiling grids;
suspended
Impact resistance: IK02
Installation:
Individual: lay-in in exposed ceiling grids;
suspended
Net weight piece: 1,6 kg
Body material: Steel
Color: White

OVERTIME PERFORMANCE

Driver service life time @10% failures: 50 000
Initial system efficacy: up to 130 Lm/W
Luminous flux system tolerance: +/- 5%
Median useful life of LED source: L90B10 life > 50 000 hours
Power consumption tolerance: +/- 5%

ENVIRONMENTAL CONDITIONS

Ambient temperature range: -10°C to +30 °C

GENERAL INFORMATION

Warranty period: 5 years
Application:
Offices and Study rooms
Open-plan
Meetingrooms
Celloffices
Circulation areas
Healthcare
Hospitality

ORDER INFORMATION

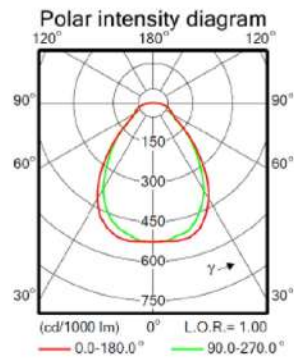
Packaging carton: Inner box – 1pcs
Outer box – 6pcs
Packaging pallet: 72 pcs
Brutto weight per pcs: 2kg

NUMBER OF LUMAIRES ON MCB (MAX)

Power	Number of luminaires on MCB (max)			
	B10	B16	C10	C16
27-32W	28	48	28	48
34-44W	22	32	22	32

STANDARD PRODUCT RANGE

Code	Type	Efficacy Lm/W	Power W	Lm	UGR	CRI	CCT
700151455300	DPL098 BL6060 LED4200LM 35W 840 MP	120	35	4200	<19	80	4000
700151455301	DPL098 BL6060 LED3750LM 31W 840 MP	121	31	3750	<19	80	4000
700151455302	DPL098 BL6060 LED3300LM 27W 840 MP	122	27	3300	<19	80	4000
700151455306	DPL098 BL6060 LED4200LM 35W 830 MP	120	35	4200	<19	80	3000
700151455307	DPL098 BL6060 LED3750LM 31W 830 MP	121	31	3750	<19	80	3000
700151455308	DPL098 BL6060 LED3300LM 27W 830 MP	122	27	3300	<19	80	3000
700151455348	DPL098 HE BL6060 LED4500LM 35W 840 MP	129	35	4500	<19	80	4000
700151455349	DPL098 HE BL6060 LED4000LM 31W 840 MP	129	31	4000	<19	80	4000
700151455350	DPL098 HE BL6060 LED3500LM 27W 840 MP	130	27	3500	<19	80	4000
700151455354	DPL098 HE BL6060 LED4500LM 35W 830 MP	129	35	4500	<19	80	3000
700151455355	DPL098 HE BL6060 LED4000LM 31W 830 MP	129	31	4000	<19	80	3000
700151455356	DPL098 HE BL6060 LED3500LM 27W 830 MP	130	27	3500	<19	80	3000



DPL197



BENEFITS

Operational cost savings, up to 40% savings
Appealing, uniform luminous surface solution
Ultra-slim housing
Low flicker level (less than 5%)
Efficacy up to 100 lm/W
Excellent light uniformity
Good color rendering (CRI >80)
Wide range of dimensions: 595×595; 620×620;
300×1200; 600×1200

IP40

IK02

230V

CE



RoHS

PRODUCT INFORMATION

Functionality

Optical cover: Microprismatic PMMA diffuser

Color Rendering Index (CRI): > 80

Light source: LED module

Ceiling type: Exposed T-bar ceiling

Managing: Fixed output as standard, DALI optional

OVERTIME PERFORMANCE

Driver service life time 10% failures: 50 000

Initial system efficacy: up to 100 lm/W

Luminous flux system tolerance: +/- 5%

Median useful life of LED source: L80B20 life > 50 000 hours

Power consumption tolerance: +/- 5%

ELECTRICAL PARAMETERS

Input Frequency: 50–60Hz

Power factor nominal: 0,95

Input voltage: 220 – 240 V

Power consumption: 36–62 W

ENVIROMENTAL CONDITIONS

Ambient temperature range: -10°C to +30 °C

MECHANICAL PARAMETERS

Ingress protection

Individual: lay-in in exposed ceiling grids; suspended

Impact resistance: IK02

Installation: Individual: lay-in in exposed ceiling grids;
suspended

Net weight piece: 2,2 kg

Body material: Aluminum profile

Color: White

GENERAL INFORMATION

Warranty period: 5 years

Application:

Public spaces

Open-plan

Meetingrooms

Celloffices

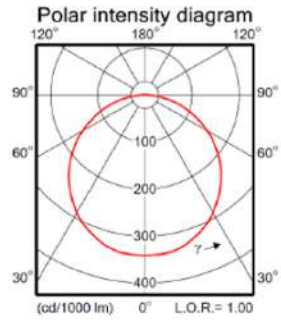
Circulationareas

Healthcare

Hospitality

NUMBER OF LUMAIRES ON MCB (MAX)

Power	Number of luminaires on MCB (max)			
	B10	B16	C10	C16
27-32W	28	48	28	48
34-62W	22	32	22	32



STANDARD PRODUCT RANGE

Code	Type	Dimensions mm	Power W	Initial light output Lm
700151454001	DPL197 6060 3400Lm 36W OP 840	595×595	36	3400
700151454006	DPL197 6060 3200Lm 36W OP 830	595×595	36	3200
700151454300	DPL197 6262 3400Lm 36W OP 840	620×620	36	3400
70015145430	DPL197 6262 3200Lm 36W OP 830	620×620	36	3200
700151454030	DPL197 30120 3400Lm 36W OP 840	300×1200	36	3400
700151454032	DPL197 30120 3200Lm 36W OP 830	300×1200	36	3200
700151454033	DPL197 60120 6300Lm 62W OP 840	600×1200	62	6300
700151454035	DPL197 60120 6000Lm 62W OP 830	600×1200	62	6000

ORDER INFORMATION

Slim panels UGR 22	Dimensions	Number in inner box, pcs	Number in outer box, pcs	Weight brutto, kg	Number on the pallet
DPL197 6060 3500LM 35W OPAL	595x595	1	6	2.5	80
DPL197 6262 3500LM 35W OPAL	620x620	1	6	2.5	80
DPL197 30120 3500LM 35W OPAL	300x1200	1	6	2.5	80
DPL197 60120 6300LM 63W OPAL	60x1200	-	4	4.5	32

DPL198



BENEFITS

Operational cost savings, up to 40% savings
Appealing, uniform luminous surface solution
Best suited for offices UGR<19
Ultra-slim housing
Low flicker level (less than 5%)
Efficacy up to 135 lm/W on module level
Excellent light uniformity
Good color rendering (CRI >80)
Wide range of dimensions: 60×60; 62×62; 30×120; 60×120



PRODUCT INFORMATION

Functionality
Optical cover: Microprismatic PMMA diffuser
Color Rendering Index (CRI): > 80
Light source: LED module
Ceiling type: Exposed T-bar ceiling
Managing: Fixed output as standard, DALI optional

OVERTIME PERFORMANCE

Driver service life time 10% failures: 50 000
Initial system efficacy: up to 135 lm/W
Luminous flux system tolerance: +/- 5%
Median useful life of LED source: L90B10 life > 50 000 hours
Power consumption tolerance: +/- 5%

ELECTRICAL PARAMETERS

Input Frequency: 50–60Hz
Power factor nominal: 0,95
Input voltage: 220 – 240 V
Power consumption: 27–62 W

ENVIRONMENTAL CONDITIONS

Ambient temperature range: -10°C to +30 °C

MECHANICAL PARAMETERS

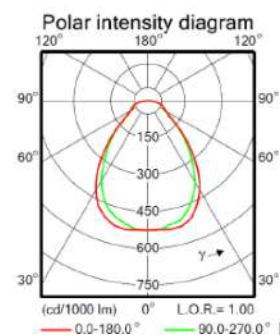
Ingress protection
Individual: lay-in in exposed ceiling grids; suspended
Impact resistance: IK02
Installation: Individual: lay-in in exposed ceiling grids;
suspended
Net weight piece: 2,2 kg
Body material: Aluminum profile
Color: White

GENERAL INFORMATION

Warranty period: 5 years
Application:
Offices and Study rooms
Open-plan
Meetingrooms
Celloffices
Circulation areas
Healthcare
Hospitality

NUMBER OF LUMINAIRES ON MCB (MAX)

Power	Number of luminaires on MCB (max)			
	B10	B16	C10	C16
27-32W	28	48	28	48
34-62W	22	32	22	32



STANDARD PRODUCT RANGE

Code	Type	Dimensions mm	Power W	Initial light output Lm
700151454304	DPL198 3060 2150Lm 18W MP 840	300x600	18	2150
700151454305	DPL198 3060 2000Lm 18W MP 830	300x600	18	2000
700151454005	DPL198 6060 4200Lm 35W MP 840	600x600	35	4200
700151454010	DPL198 6060 4000Lm 35W MP 830	600x600	35	3000
700151454302	DPL198 6262 4200Lm 35W MP 840	620x620	35	4200
700151454303	DPL198 6262 4000Lm 35W MP 830	620x620	35	4000
700151454045	DPL198 30120 4200Lm 35W MP 840	300x1200	35	4200
700151454047	DPL198 30120 4000Lm 35W MP 830	300x1200	35	3200
700151454048	DPL198 60120 6300Lm 62W MP 840	600x1200	62	6300
700151454050	DPL198 60120 6000Lm 62W MP 830	600x1200	62	6000

ORDER INFORMATION

Slim panels DPL 198	Dimensions	Number in inner box, pcs	Number in outer box, pcs	Weight brutto, kg	Number on the pallet
DPL 198 6060 3500LM 35W OPAL	595x595	1	6	2.5	80
DPL 198 6262 3500LM 35W OPAL	620x620	1	6	2.5	80
DPL 198 30120 3500LM 35W OPAL	300x1200	1	6	2.5	80
DPL 198 60120 6300LM 63W OPAL	60x1200	-	4	4.5	32

DPL IP

WATERPROOF PANEL



BENEFITS

Operational cost savings, up to 50% savings
Appealing, uniform luminous surface solution
Best suited for rooms with high humidity
Suit for clean rooms
Back-lit technology
Low flicker level (less than 5%)
Efficacy up to 100 lm/W
Excellent light uniformity
Good color rendering (CRI >80)
Dimensions: 595×595; 620×620

IP65

IK02

230V

CE



RoHS

PRODUCT INFORMATION

FUNCTIONALITY

Optical cover: Microprismatic PMMA diffuser

Color Rendering Index (CRI): > 80

Light source: LED module

Ceiling type: Exposed T-bar ceiling

Managing: Fixed output as standard, DALI optional

ELECTRICAL PARAMETERS

Input Frequency: 50–60Hz

Power factor nominal: 0,95

Input voltage: 220 – 240 V

Power consumption: 40 W

MECHANICAL PARAMETERS

Ingress protection:

Individual: lay-in in exposed ceiling grids;
suspended

Impact resistance: IK02

Installation:

Individual: lay-in in exposed ceiling grids;
suspended

Net weight piece: 2,1 kg

Body material: Steel

Color: White

OVERTIME PERFORMANCE

Driver service life time @10% failures: 50 000

Initial system efficacy: up to 100 lm/W

Luminous flux system tolerance: +/- 5%

Median useful life of LED source: L90B10 life > 50 000 hours

Power consumption tolerance: +/- 5%

ENVIROMENTAL CONDITIONS

Ambient temperature range: -10°C to +30 °C

GENERAL INFORMATION

Warranty period: 5 years

Application:

Wet rooms

Clean rooms

Healthcare

Hospitality

ORDER INFORMATION

Packaging carton: Inner box – 1pcs
Outer box – 6pcs

Packaging pallet: 72 pcs

Brutto weight per pcs: 3 kg

NUMBER OF LUMINAIRES ON MCB (MAX)

Power	Number of luminaires on MCB (max)			
	B10	B16	C10	C16
27-32W	28	48	28	48
34-44W	22	32	22	32

STANDARD PRODUCT RANGE

Code	Type	Power W	Light output, Lm	Dimensions mm	Ingress protection
700151541000	DPL IP 6060 4000Lm 40W IP54 840	40	4000	595x595	IP65
700151551000	DPL IP 6060 4000Lm 40W IP65 840	40	4000	595x595	IP54

ORDER INFORMATION

Packaging carton:
Inner box - 1pcs
Outer box - 4 pcs
Packaging pallet:
72 pcs
Brutto weight per pcs:
3kg



WL300



WL300 UGR<19

IP40

IK02

CE

230V



RoHS

PRODUCT INFORMATION

FUNCTIONALITY

Initial LED luminaire efficacy: 78 Lm/W
Color Rendering Index (CRI): > 80
Light source: LED module with CITIZEN led chips
Initial Lightoutput: 1115 Lm

ELECTRICAL PARAMETERS

Driver efficiency nominal: 0.92 depends on type
Electrical isolation class IEC: Class II
Input Frequency: 50-60 Hz
Power factor nominal: 0.95
Input voltage: 220 – 240 V
Power consumption: 13 – 25W depending on type

MECHANICAL PARAMETERS

Ingress protection: IP20
Impact resistance: IK05
Installation: recessed. Outside diameter 110mm
Body material: Die-cast aluminium

OVERTIME PERFORMANCE

Driver service life time @10% failures: 50 000 h
Initial system efficacy: 90 Lm/W
Luminous flux system tolerance: +/- 5%
Median useful life of LED source: L80B20, 50 000 Hours
Power consumption tolerance: +/- 5%

GENERAL INFORMATION

Flammability: Not fire resistant
CE mark: CE mark
ROHS mark: ROHS mark
Application:
Offices
Hotels
Retail

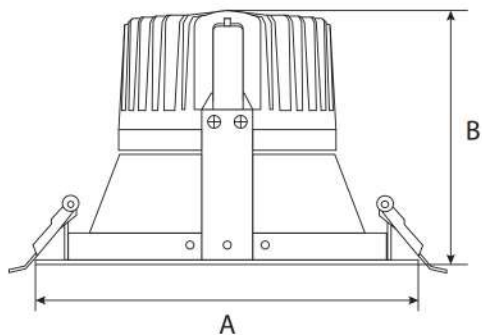
ENVIRONMENTAL CONDITIONS

Ambient temperature range: 0;+35 C

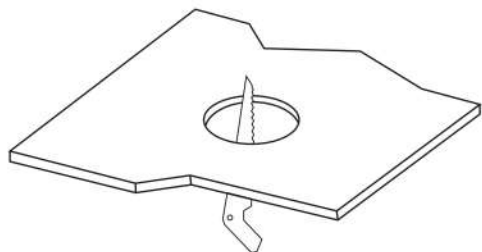
STANDARD PRODUCT RANGE

Code	Type	CCT	Light output, Lm	Power consumption, W	CRI
700151552001	WL300 1100LM 13W 830 230V LV UGR	3000	1100	13	80
700151552002	WL300 1200LM 13W 840 230V LV UGR	4000	1200	13	80
700151552003	WL300 2200Lm 25W 830 230V LV UGR	3000	2200	25	80
700151552004	WL300 2400Lm 25W 840 230V LV UGR	4000	2400	25	80

DIMENSIONS

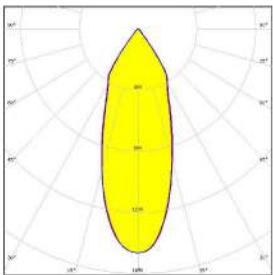


A x B
13W = ø110x105 mm
25W = ø190x130 mm



CEILING CUTOUT:
25W = ø165-180 mm
13W = ø95-100 mm

POLAR DIAGRAM



WL 310 *UGR<19 IP44*



BENEFITS AND DOWNLOADS



INTRODUCTION

This is a deep reflector design downlight with a wider shielding angle which can lower the glare and reach UGR<19. Adopt bridgelux brand COB light source, CRI>90 for a more real lighting effect, multiple beam angles for option. For structure, it adopts ADC12 aluminum housing to assure a better thermal management, dimmable driver shares great popularity by the excellent dimming effect.

FEATURES

- Deep reflector design with wider shielding angle to achieve UGR<19
- ADC12 aluminum die-casting housing provides excellent thermal dissipation
- IP44 in front part
- CRI>90 for a more real lighting effect
- External flicker free driver
- Dimming ways: Triac dim, 0-10V, DALI

PRODUCT INFORMATION

FUNCTIONALITY

Initial LED luminaire efficacy: 95 Lm/W

Color Rendering Index (CRI): > 90

Light source: LED module with CITIZEN led chips

Initial Lightoutput: 950-2400lm depending on type

ELECTRICAL PARAMETERS

Driver efficiency nominal: 0.92 depends on type

Electrical isolation class IEC: Class II

Input Frequency: 50-60 Hz

Power factor nominal: 0.95

Input voltage: 220 – 240 V

Power consumption: 10-25W Depending on type

MECHANICAL PARAMETERS

Ingress protection: IP44

Impact resistance: IK05

Installation: recessed. Outside diameter 110-190mm

Body material: Die-cast aluminium

OVERTIME PERFORMANCE

Driver service life time @10% failures: 50 000 h

Initial system efficacy: 95 Lm/W

Luminous flux system tolerance: +/- 5%

Median useful life of LED source: L80B20, 50 000 Hours

Power consumption tolerance: +/- 5%

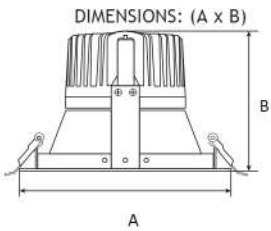
ENVIROMENTAL CONDITIONS

Ambient temperature range: 0;+35 C

STANDARD PRODUCT RANGE

Code	Description	Size,mm	CCT	Light output LM	Power W	CRI
700151553001	WL310 A 950lm 10W 930 230V LV UGR	Ø110*75	3000	950	10	90
700151553002	WL310 A 1040lm 10W 940 230V LV UGR	Ø110*75	4000	1040	10	90
700151553003	WL310 B 2200lm 25W 930 230V LV UGR	Ø190*130	3000	2200	25	90
700151553004	WL310 B 2400lm 25W 940 230V LV UGR	Ø190*130	4000	2400	25	90

DIMENSIONS

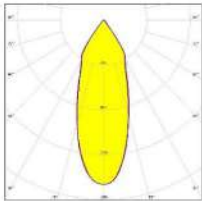


10W = ø110x75 mm
25W = ø190x120 mm



10W = ø110x75 mm
25W = ø190x120 mm

POLAR DIAGRAMM



GENERAL INFORMATION

Flammability: Not fire resistant

CE mark: CE mark

ROHS mark: ROHS mark

Application:

Offices

Hotels

Retail

WL 310

UGR<19 IP44



BENEFITS AND DOWNLOADS



INTRODUCTION

This is a deep reflector design downlight with a wider shielding angle which can lower the glare and reach UGR<19. Adopt bridgelux brand COB light source, CRI>90 for a more real lighting effect, multiple beam angles for option. For structure, it adopts ADC12 aluminum housing to assure a better thermal management, dimmable driver shares great popularity by the excellent dimming effect.

FEATURES

- Deep reflector design with wider shielding angle to achieve UGR<19
- ADC12 aluminum die-casting housing provides excellent thermal dissipation
- IP44 in front part
- CRI>90 for a more real lighting effect
- External flicker free driver
- Dimming ways: Triac dim, 0-10V, DALI

PRODUCT INFORMATION

FUNCTIONALITY

Initial LED luminaire efficacy: 95 Lm/W

Color Rendering Index (CRI): > 90

Light source: LED module with CITIZEN led chips

Initial Lightoutput: 950-2400lm depending on type

ELECTRICAL PARAMETERS

Driver efficiency nominal: 0.92 depends on type

Electrical isolation class IEC: Class II

Input Frequency: 50-60 Hz

Power factor nominal: 0.95

Input voltage: 220 – 240 V

Power consumption: 10-25W Depending on type

MECHANICAL PARAMETERS

Ingress protection: IP44

Impact resistance: IK05

Installation: recessed. Outside diameter 110-190mm

Body material: Die-cast aluminium

OVERTIME PERFORMANCE

Driver service life time @10% failures: 50 000 h

Initial system efficacy: 95 Lm/W

Luminous flux system tolerance: +/- 5%

Median useful life of LED source: L80B20, 50 000 Hours

Power consumption tolerance: +/- 5%

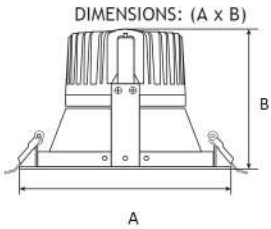
ENVIROMENTAL CONDITIONS

Ambient temperature range: 0;+35 C

STANDARD PRODUCT RANGE

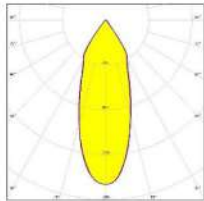
Code	Description	Size,mm	CCT	Light output LM	Power W	CRI
700151553001	WL310 A 950lm 10W 930 230V LV UGR	Ø110*75	3000	950	10	90
700151553002	WL310 A 1040lm 10W 940 230V LV UGR	Ø110*75	4000	1040	10	90
700151553003	WL310 B 2200lm 25W 930 230V LV UGR	Ø190*130	3000	2200	25	90
700151553004	WL310 B 2400lm 25W 940 230V LV UGR	Ø190*130	4000	2400	25	90

DIMENSIONS



10W = ø110x75 mm
25W = ø190x120 mm

POLAR DIAGRAMM



10W = ø110x75 mm
25W = ø190x120 mm

GENERAL INFORMATION

Flammability: Not fire resistant
CE mark: CE mark
ROHS mark: ROHS mark
Application:
Offices
Hotels
Retail

WL 320 *UGR<19 IP54*



BENEFITS AND DOWNLOADS



INTRODUCTION

WL320 down light with traditional deep reflector (UGR<19) that provides perfect combination of high lighting efficiency, comfortable lighting and humanization design, without compromising on light performance (color rendering and color uniformity); It offers a wide choice of options for creating the desired ambience.

FEATURES

- High luminous efficiency
- 60° beam angle
- Easy installation and maintenance.
- UGR<19 (not available for 3inch 60° beam angle and 8inch-35W 60° beam angle).
- Different design drop glass as options.

DOWNLOADS

[Mounting instructions PDF](#)

PRODUCT INFORMATION

FUNCTIONALITY

Initial LED luminaire efficacy: 90-114 Lm/W
Color Rendering Index (CRI): > 80
Light source: LED module with CITIZEN led chips
Initial Lightoutput: 1000-2850lm depending on type

ELECTRICAL PARAMETERS

Driver efficiency nominal: 0.92 depends on type
Electrical isolation class IEC: Class II
Input Frequency: 50-60 Hz
Power factor nominal: 0.95
Input voltage: 220 – 240 V
Power consumption: 13-18-25W Depending on type

MECHANICAL PARAMETERS

Ingress protection: IP54
Impact resistance: IK05
Installation: recessed. Outside diameter 110-190mm
Body material: Die-cast aluminium

OVERTIME PERFORMANCE

Driver service life time @10% failures: 50 000 h
Initial system efficacy: 90-114 Lm/W depend on type
Luminous flux system tolerance: +/- 5%
Median useful life of LED source: L80B20, 50 000 Hours
Power consumption tolerance: +/- 5%

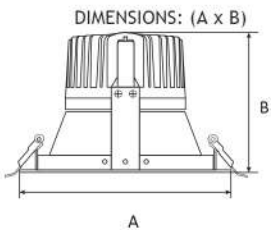
ENVIRONMENTAL CONDITIONS

Ambient temperature range: 0;+35 C

STANDARD PRODUCT RANGE

Code	Description	Size,mm	CCT	Light output LM	Power W	CRI
700151551001	WL320 A 1000lm 13W 830 230V LV UGR	Ø110*54	3000	1000	13	80
700151551002	WL320 A 1300lm 13W 840 230V LV UGR	Ø110*54	4000	1300	13	80
700151551003	WL320 B 2070lm 18W 830 230V LV UGR	Ø145*78	4000	2070	18	80
700151551004	WL320 B 2250lm 18W 840 230V LV UGR	Ø145*78	4000	2250	18	80
700151551005	WL320 C 2600lm 25W 830 230V LV UGR	Ø228*99	3000	2600	25	80
700151551006	WL320 C 2850lm 25W 840 230V LV UGR	Ø228*99	4000	2850	25	80

DIMENSIONS



13W = ø110x54 mm
18W = ø145x78 mm
25W = ø228x99 mm



25W = ø200-210mm
18W = ø125-135mm
13W = ø90-95mm

GENERAL INFORMATION

Flammability: Not fire resistant

CE mark: CE mark

ROHS mark: ROHS mark

Application:

Offices

Hotels

Retail

SURFACE MOUNTED

Our surface mounted luminaires have a modern design, attractive appearance and can be used in both public premises and private houses. IP54 dust and moisture protection extends the possibilities of using the luminaires and increases their universality.



DBO-100



LED surface mounted luminaire with opal cover in classic design made of acrylic glass (PMMA). Suitable for mounting on ceiling and wall. Luminaire base made of white painted sheet steel. Foam profile gasket. Built-in gear tray/reflector made of white sheet steel. 3-pole terminal block with plug-in contact, loop-through possible. 2 cable entries. Approved for indoor use. The LED modules unreplaceable.

PRODUCT INFORMATION

FUNCTIONALITY

Initial LED luminaire efficacy:

110 lm/W depends on the type

Initial light output: 3800-4400 Lm

Color Rendering Index (CRI): > 80

Power supply: Driver Philips or Tridonic included

Light source: LED module with Osram LED chips

Color temperature: 4000K as a standard, 3000, 5000, 6500K on request

Managing options: DALI, 1-10V, Motion sensor, wireless connections

Emergency battery operated hours:

Philips TrustSight system 3 hours light (Basic or self-test)

Color tolerance (initial McAdam): 3

Pipple: <5%

MECHANICAL PARAMETERS

Ingress protection: IP50

Impact resistance: IK02

ELECTRICAL PARAMETERS

Driver efficiency nominal: 0.92

Electrical isolation class IEC: Class I or Class II on request

Power factor nominal: 0.93

Input voltage: 220 – 240 V

Power consumption: 35-40W

Number of luminaires on MCB B16 (max): 24 pcs

OVERTIME PERFORMANCE

Median useful life of LED source:

L80B20 – 50 000 hours

APPLICATION

Ideal for lighting public spaces:
utility rooms
corridors
industries with low humidity

STANDARD PRODUCT RANGE

Code	Type	Initial Lm output	Power W	Efficacy Lm/W	CRI
700151492201	DBO100 3800Lm 35W I 840 IP50 PMMA	3800	35	110	80
700151492202	DBO100 3800Lm 35W I 830 IP50 PMMA	3800	35	110	80
700151492203	DBO100 4400Lm 40W I 840 IP50 PMMA	4400	40	110	80
700151492204	DBO100 4400Lm 40W I 830 IP50 PMMA	4400	40	110	80

GENERAL INFORMATION



Dimensions:

Description	L, mm	H, mm	B, mm	E, mm
DBO-100	665	665	92	400

Weight: Netto 3.8kg
Brutto 4.5kg
Packing: 1 pcs in carton packing
80 pcs on the pallet
Universal hanger set M10



DWL-S



BENEFITS

Up to 50% energy savings compared with TL-D
Reliable LED technology – maintenance-free
Direct replacement for conventional wall mounted luminaires in terms of light performance
Universal solution covering various application requirements
Hight protection against dust and water

PRODUCT INFORMATION

Functionality

Initial LED luminaire efficacy: 120 lm/W

Color Rendering Index (CRI): > 80

Power supply: Driver Philips or Tridonic included

Light source: LED module with Osram LED chips

Color temperature: 4000K as a standard, 3000, 5000, 6500K on request

Managing options: DALI, 1-10V, Motion sensor, wireless connections.

Emergency battery operated hours: Philips TrustSight system 3 hours light (available only FOR DWL-S)

Color tolerance (initial McAdam) 3

ELECTRICAL PARAMETERS

Driver efficiency nominal: 0.92

Electrical isolation class IEC: Class I or Class II on request

Power factor nominal: 0.93

Input voltage: 220 – 240 V

Power consumption: 10-26 W depending on type

MECHANICAL PARAMETERS

Ingress protection: IP65

Impact resistance: 05 for PMMA diffuser and IK10 for PC diffuser

STANDARD PRODUCT RANGE

Code	Type	Initial Lm output	Power W	Efficacy Lm/W	CRI	CCT,K
700151490001	DWL-S_200 1200Lm 10W 840 OP IP65 PMMA	1200	10	120	80	4000
700151490002	DWL-S_200 1100Lm 10W 830 OP IP54 PMMA	1100	10	110	80	3000
700151490011	DWL-S_300 2200Lm 18W 840 OP IP65 PC	1100	18	61	80	4000
700151490012	DWL-S_300 2000Lm 18W 830 OP IP65 PC	2200	18	122	80	3000
700151490013	DWL-S_300 2200Lm 18W 840 OP IP65 PMMA	2000	18	111	80	4000
700151490014	DWL-S_300 2000Lm 18W 830 OP IP65 PMMA	2200	18	122	80	3000
700151490015	DWL-S_300 2200Lm 18W 840 OP IP65 PC MS	2000	18	111	80	4000
700151490021	DWL-S_300 3000Lm 25W 840 OP IP65 PC	2800	25	112	80	4000
700151490022	DWL-S_300 2800Lm 25W 830 OP IP65 PC	2800	25	120	80	3000
700151490023	DWL-S_300 3000Lm 25W 840 OP IP65 PMMA	3000	25	112	80	4000
700151490024	DWL-S_300 2800Lm 25W 830 OP IP65 PMMA	2800	25	112	80	3000

GENERAL INFORMATION

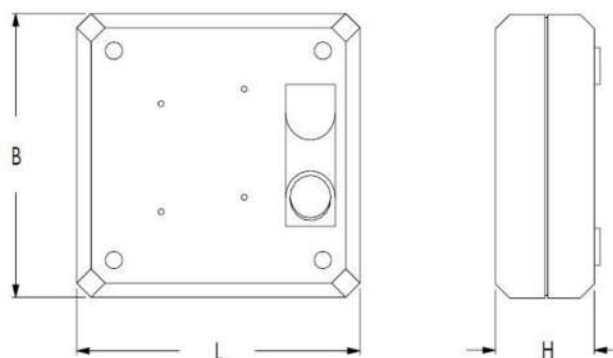
Dimensions:

Description	L, mm	H, mm	B, mm
DWL-S_200	200	200	90
DWL-S_300	300	300	90

Warranty period: 5 years

Pcs on the pallet: 144

Application: Parking garages
Basements
Cellars
Warehouses
General lighting



	PMMA	PC	GRP
Glühdrahtprüfung Glow-wire test	650°C	850°C	850°C

	PMMA	PC	GRP
Brennbarkeit nach UL 94 Fire resistance UL 94	HB	V2	HB

DWL-R



BENEFITS

Up to 50% energy savings compared with TL-D
Reliable LED technology – maintenance-free
Direct replacement for conventional wall mounted luminaires in terms of light performance
Universal solution covering various application requirements.
Protected from dust and water – possible to use in dust and wet spaces

PRODUCT INFORMATION

Functionality

Initial LED luminaire efficacy: 120 lm/W

Color Rendering Index (CRI): > 80

Power supply: Driver Philips or Tridonic included

Light source: LED module with Osram LED chips

Color temperature: 4000K as a standard, 3000,5000,6500K on request

Managing options: DALI, 1-10V, Motion sensor, wireless connections

Emergency battery operated hours: Philips TrustSight system 3 hours light (available only for DW-R_360)

Color tolerance (initial McAdam): 3

ELECTRICAL PARAMETERS

Driver efficiency nominal:

Electrical isolation class IEC: Class I or Class II on request

Power factor nominal: 0,93

Input voltage: 220 – 240 V

Power consumption: 10-26 W depending on type

MECHANICAL PARAMETERS

Ingress protection: IP65

Impact resistance: 05 for PMMA diffuser and IK10 for PC diffuser

OVERTIME PERFORMANCE

Median useful life of LED source: L80B20 – 50 000 hours

Application:

Parking garages

Basements

Cellars

Warehouses

General lighting

STANDARD PRODUCT RANGE

Code	Type	Initial Lm output	Power W	Efficacy Lm/W	CRI	CCT,K
700151490101	DWL-R_260 1200Lm 10W 840 OP IP65 PMMA	1200	10	120	80	4000
700151490102	DWL-R_260 1100Lm 10W 830 OP IP65 PMMA	1100	10	110	80	3000
700151490104	DWL-R_260 1100Lm 10W 830 OP IP65 PMMA MS	1100	10	110	80	3000
700151490111	DWL-R_360 2200Lm 18W 840 OP IP65 PC	2200	18	122	80	4000
700151490112	DWL-R_360 2000Lm 18W 830 OP IP65 PC	2000	18	111	80	3000
700151490113	DWL-R_360 2200Lm 18W 840 OP IP65 PMMA	2200	18	122	80	4000
700151490114	DWL-R_360 2000Lm 18W 830 OP IP65 PMMA	2000	18	111	80	3000
700151490116	DWL-R_360 2000Lm 18W 830 OP IP65 PMMA MS	2000	18	111	80	3000
700151490117	DWL-R_360 2200Lm 18W 840 OP IP65 PC MS	2200	18	122	80	4000
700151490121	DWL-R_360 3000Lm 25W 840 OP IP65 PC	3000	25	120	80	4000
700151490122	DWL-R_360 2800Lm 25W 830 OP IP65 PC	2800	25	112	80	3000
700151490123	DWL-R_360 3000Lm 25W 840 OP IP65 PMMA	3000	25	120	80	4000
700151490124	DWL-R_360 2800Lm 25W 830 OP IP65 PMMA	2800	25	112	80	3000
700151490125	DWL-R_360 2800Lm 25W 830 OP IP65 PMMA MS	2800	25	112	80	3000
700151490126	DWL-R_360 3000Lm 25W 840 OP IP65 PMMA MS	3000	25	120	80	4000

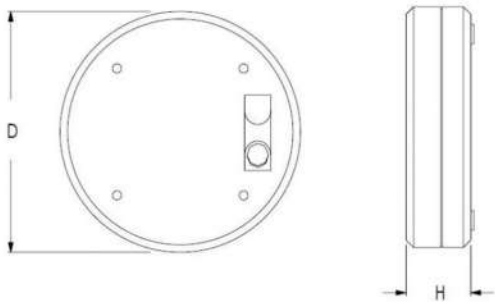
GENERAL INFORMATION

Dimensions:

Description	L, mm	B, mm	Weight, kg
DWL-R_260	260	90	1.2
DWL-R_360	360	90	2.0

Warranty period: 5 years

Pcs on the pallet: 90



DWL-L



BENEFITS

Up to 50% energy savings compared with TL-D

Reliable LED technology – maintenance-free

Direct replacement for conventional waterproof and wall mounted luminaires in terms of light performance

Universal solution covering various application requirements

PRODUCT INFORMATION

FUNCTIONALITY

Initial LED luminaire efficacy: 120-160 lm/W depends on the type

Color Rendering Index (CRI): > 80

Power supply: Driver Philips or Tridonic included

Light source: LED module with Osram LED chips

Color temperature: 4000K as a standard, 3000,5000,6500K on request

Managing options: DALI, 1-10V, Motion sensor, wireless connections

Emergency battery operated hours: Philips TrustSight system 3 hours light (Basic or self test)

Color tolerance (initial McAdam): 3

ELECTRICAL PARAMETERS

Driver efficiency nominal: 0.92

Electrical isolation class IEC: Class I or Class II on request

Power factor nominal: 0.93

Input voltage: 220 – 240 V

Power consumption: 33-68 W depending on type

MECHANICAL PARAMETERS

Ingress protection: IP54

Impact resistance: 05

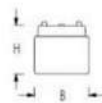
OVERTIME PERFORMANCE

Median useful life of LED source: L80B20 – 50 000 hours

STANDARD PRODUCT RANGE

Code	Type	Initial Lm output	Power W	Efficacy Lm/W	CRI
700151490201	DWL-L_120 4400Lm 36W I 840 IP54 PMMA	4400	36	122	80
700151490202	DWL-L_120 4100Lm 36W I 830 IP54 PMMA	4100	36	114	80
700151490203	DWL-L_120 7500Lm 49W I 840 IP54 PMMA	7500	49	153	80
700151490204	DWL-L_120 6800Lm 49W I 830 IP54 PMMA	6800	49	139	80
700151490205	DWL-L_120 7500Lm 49W I 840 IP54 PMMA DALI CLO	7500	49	153	80
700151490301	DWL-L_150 5400Lm 33W I 840 IP54 PMMA	5400	33	163	80
700151490302	DWL-L_150 4850Lm 33W I 830 IP54 PMMA	4850	33	147	80
700151490303	DWL-L_150 10300Lm 72W I 840 IP54 PMMA	10300	72	143	80
700151490304	DWL-L_150 9200Lm 72W I 830 IP54 PMMA	9200	72	128	80
700151490305	DWL-L_150 7800Lm 50W I 840 IP54 PMMA MS	7800	50	156	80
700151490306	DWL-L_150 12600Lm 88W I 840 IP54 PMMA	12600	88	143	80

GENERAL INFORMATION



Dimensions and weight:

Description	L, mm	H, mm	B, mm	E, mm
DWL-L_120	1260	105	95	740
DWL-L_150	1560	105	95	850

Warranty period: 5 years

Pcs on the pallet: 80

Application:

Parking garages

Basements

Cellars

DWL-LC



BENEFITS

Up to 50% energy savings compared with TL-D

Reliable LED technology – maintenance-free

Direct replacement for conventional waterproof and wall mounted luminaires in terms of light performance

Universal solution covering various application requirements.

Easy to install

Attractive price – low initial investments

PRODUCT INFORMATION

Initial LED luminaire efficacy: 120-160 lm/W depends on the type

Color Rendering Index (CRI): > 80

Power supply: Driver Philips or Tridonic included

Light source: LED module with Osram LED chips

Color temperature: 4000K as a standard, 3000, 5000, 6500K on request

Managing options: DALI, 1-10V, Motion sensor, wireless connections

Emergency battery operated hours: Philips TrustSight system 3 hours light (Basic or self test)

Color tolerance (initial McAdam): 3

ELECTRICAL PARAMETERS

Driver efficiency nominal: 0.92

Electrical isolation class IEC: Class I or Class II on request

Power factor nominal: 0.93

Input voltage: 220 – 240 V

Power consumption: 33-68 W depending on type

MECHANICAL PARAMETERS

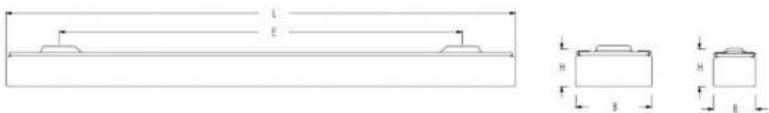
Ingress protection: IP50

Impact resistance: 05

STANDARD PRODUCT RANGE

Code	Type	Initial Lm output	Power W	Efficacy Lm/W	IP	CRI	CCT,K
700151491201	DWL-LC_120 4400Lm 36W I 840 IP50 PMMA	4400	36	122	50	80	4000
700151491202	DWL-LC_120 4100Lm 36W I 830 IP50 PMMA	4100	36	114	50	80	3000
700151491203	DWL-LC_120 7500Lm 49W I 840 IP50 PMMA	7500	49	153	50	80	4000
700151491204	DWL-LC_120 6800Lm 49W I 830 IP50 PMMA	6800	49	139	50	80	3000
700151491301	DWL-LC_150 5400Lm 33W I 840 IP50 PMMA	5400	33	163	50	80	4000
700151491302	DWL-LC_150 4800Lm 33W I 830 IP50 PMMA	4800	33	145	50	80	3000
700151491303	DWL-LC_150 10300Lm 72W I 840 IP50 PMMA	10300	72	143	50	80	4000
700151491304	DWL-LC_150 9200Lm 72W I 830 IP50 PMMA	9200	72	128	50	80	3000
700151491305	DWL-LC_150 7800Lm 50W I 840 IP50 PMMA MS	7800	50	156	50	80	4000
700151491306	DWL-LC_150 12600Lm 88W I 840 IP50 PMMA	12600	88	143	50	80	4000

GENERAL INFORMATION



Dimensions and weight:

Description	L, mm	H, mm	B, mm	E, mm
DWL-LC_120	1260	105	95	740
DWL-LC_150	1560	105	95	850

Warranty period: 5 years
Pcs on the pallet: 80

DWL-LR



BENEFITS

Up to 50% energy savings compared with TL-D

Reliable LED technology – maintenance-free

Direct replacement for conventional waterproof and wall mounted luminaires in terms of light performance

Universal solution covering various application requirements



PRODUCT INFORMATION

Product type: DWL-LR

FUNCTIONALITY

Initial LED luminaire efficacy:

Up to 163 lm/W depends on the type

Color Rendering Index (CRI): > 80

Power supply: Driver Philips or Tridonic included

Light source: LED module with Osram LED chips

Color temperature: 4000K as a standard, 3000, 5000, 6500K on request

Managing options: DALI, Motion sensor, wireless connections.

Emergency battery operated hours:

Philips TrustSight system 3 hours light (Basic or self test)

Color tolerance (initial McAdam): 3

Initial light output lm: Up to 12500lm

Light distribution:

3-row PMMA optic with

Narrow beam (NB) – 30 dgr

Medium beam (MB) – 60 dgr

Wide beam (WB) – 90 dgr on request

Asymmetric – (ASB) on request

Double asymmetric (DASB) on request

DOWNLOADS

Datasheet PDF

Photometric LDT

Mounting instructions PDF

ELECTRICAL PARAMETERS

Driver efficiency nominal: 0.95

Electrical isolation class IEC:

Class I or Class II on request

Power factor nominal: 0.93

Input voltage: 220 – 240 V

Power consumption:

Up to 90 W depending on type

MECHANICAL PARAMETERS

Ingress protection: IP54

Impact resistance: 05

OVERTIME PERFORMANCE

Median useful life of LED source:

L80B20 – 50 000 hours

STANDARD PRODUCT RANGE

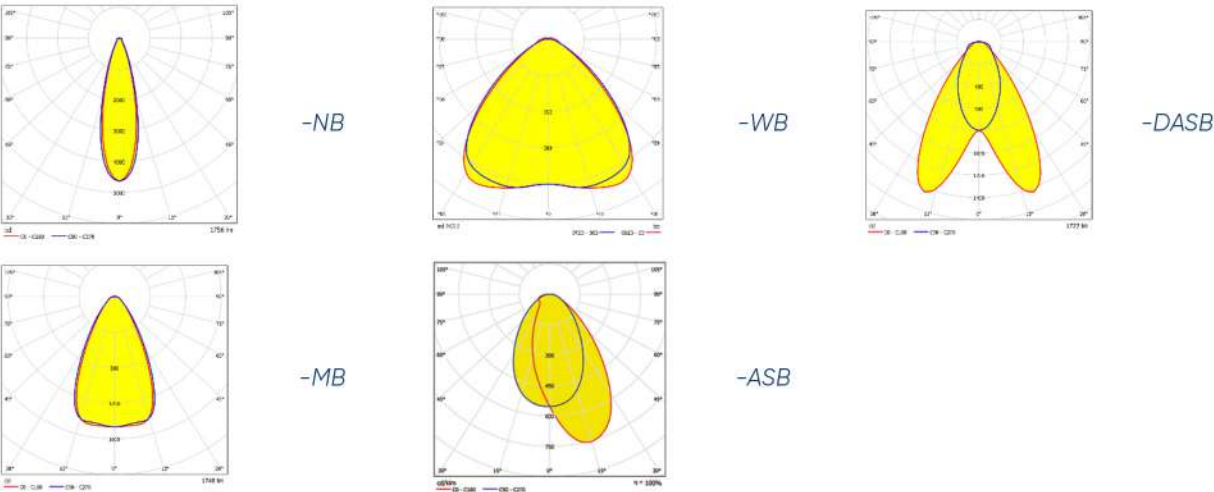
Code	Type	Light output LM	Power consumption W	Weight kg
700151492140	DWL-LR_120 8000lm 49W I 840 IP54 PMMA DASB	8000	49	163
700151492130	DWL-LR_120 8000lm 49W I 840 IP54 PMMA ASB	8000	49	163
700151492120	DWL-LR_120 8000lm 49W I 840 IP54 PMMA WB	8000	49	163
700151492110	DWL-LR_120 8000lm 49W I 840 IP54 PMMA MB	8000	49	163
700151492100	DWL-LR_120 8000lm 49W I 840 IP54 PMMA NB	8000	49	163
700151492240	DWL-LR_150 10000lm 60W I 840 IP54 PMMA DASB	10000	60	166
700151492230	DWL-LR_150 10000lm 60W I 840 IP54 PMMA ASB	10000	60	166
700151492220	DWL-LR_150 10000lm 60W I 840 IP54 PMMA WB	10000	60	166
700151492210	DWL-LR_150 10000lm 60W I 840 IP54 PMMA MB	10000	60	166
700151492200	DWL-LR_150 10000lm 60W I 840 IP54 PMMA NB	10000	60	166
700151492340	DWL-LR_150 12500lm 77W I 840 IP54 PMMA DASB	12500	77	163
700151492330	DWL-LR_150 12500lm 77W I 840 IP54 PMMA ASB	12500	77	163
700151492320	DWL-LR_150 12500lm 77W I 840 IP54 PMMA WB	12500	77	163
700151492310	DWL-LR_150 12500lm 77W I 840 IP54 PMMA MB	12500	77	163
700151492300	DWL-LR_150 12500lm 77W I 840 IP54 PMMA NB	12500	77	163

GENERAL INFORMATION

Description	L, mm	H, mm	B, mm
DWL-LR_120	1260	105	95
DWL-LR_150	1560	105	95

Dimensions:
Pcs on the pallet: 80

POLAR DIAGRAMM



LINEAR LIGHT

Linear luminaires in aluminum profile are designed to illuminate office spaces for the most demanding customers. High efficiency, low glare and various options help to create a unique atmosphere in your office.



LS352

IP40 IK05

230V CE



BENEFITS

- Suit for offices
- Very low glare effect
- Aesthetic minimalistic modern design
- Smooth die-casted end caps without visible screws
- Possible to be in different colors
- Different length on demand
- High efficacy
- Tunable white version available
- High quality components, all made in Europe
- Easy installation

ELECTRICAL PARAMETERS

Driver efficiency nominal: up to 0.92
Driver failure ratio: < 10% at 100000 hours depends on type
Driver type: Built in PHILIPS Xitanium driver
Electrical isolation class IEC:
Safety class II as a standard, I on request
Input Frequency: 50-60 Hz
LED current ripple %: < 4
Mains voltage index: 230 – 240 V / 50 – 60 Hz
Nominal input voltage range: 202...254 or 198...264, depends on type
Power factor nominal: up to 0.98
Power range: 18-35 W as a standard
Control method:
On/Off version, DALI, Casambi.
Quantity on MCB 16A
≤ 33 pcs

LIGHTING PERFORMANCE

CCT: 3000K, 4000K, 2700-6500K
Color rendering index, CRI:
80 as a standard, 90 on request
Initial color shift, SDCM: < 3
Light distribution: 60 dgr, symmetric as a standard
Light source:
Modules with OSRAM high efficacy LED chips
LOR: up to 0.87-0.93
Luminaire lumen output range, lm:
2500-5000 lm depending on type
Photobiological safety: RG1
Type of optic: Low ageing PMMA LEDIL lenses,
DARKPOINT optics:
reflector with a black or silver, specular, glare-reducing baffle

CONSTRUCTION AND MATERIALS

Housing colour:
Dark grey or White as standard
All other colors possible on request
Housing material:
Housing: aluminum profile with die casting end caps
Impact resistance: IK05
Ingress protection: IP40
Installation options:
Suspended
Surface mounted
In track
Optical cover: PMMA
Dimensions:
Length 1130mm as a standard
Length 850mm, 1400mm on demand

OPERATION AND MAINTENANCE

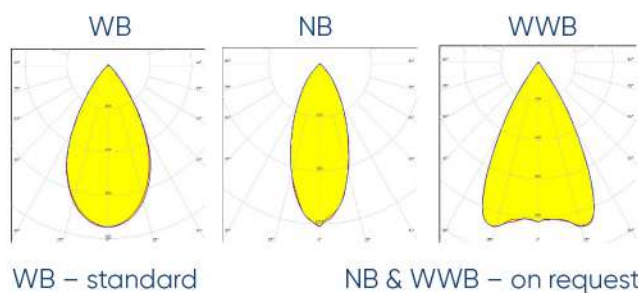
Electrical connection: 3m 2x0.75 wire as standard
Maintenance: Opening with screw, LED modules are non-replaceable and can be replaced by manufacturer only
Maintenance of lumen output: 100000 hours – L90B10
Operating temperature range: -20...+40 C, typical for exact values
Application: Offices
Meeting rooms
Schools
Public spaces
Retail
Hotels and residences

STANDARD PRODUCT RANGE

Code	Type	Lumen output, Lm	Power, W	Efficacy Lm/W	CRI	CCT,K
700155850010	LS352 LED4600Lm 35W 830 WB L1130 ALU Wh/DARK	4600	35	131	80	3000
700155850020	LS352 LED4900Lm 35W 840 WB L1130 ALU Wh/DARK	4900	35	140	80	4000
700155850110	LS352 LED4800Lm 35W 830 WB L1130 ALU Wh/Chrom	4800	35	137	80	3000
700155850120	LS352 LED5000Lm 35W 840 WB L1130 ALU Wh/Chrom	5000	35	143	80	4000
700155852010	LS352 LED4600Lm 35W 830 WB L1130 ALU Grey/DARK	4600	35	131	80	3000
700155852020	LS352 LED4900Lm 35W 840 WB L1130 ALU Grey /DARK	4900	35	140	80	4000

more detailed specification available on the website

POSSIBLE LIGHT DISTRIBUTION:



ACCESSORIES:



Ceiling box



Clips for fixing on surface

ACCENTLIGHTING

TAKTON accent lighting fixtures are designed to illuminate retail spaces. They meet all the needs of both commercial and food trade. It is also possible to use for accent and general lighting in offices and HoReCa facilities.



DTP 100



BENEFITS

LED accent-lighting solution with a reasonable payback compared to conventional technologies
Suitable for food and fashion retailers
Available in a choice of black or white finishing



PRODUCT INFORMATION

FUNCTIONALITY

Initial LED luminaire efficacy: 90lm/W
Color Rendering Index (CRI): 90 as a standard
Power supply: Driver included
Light source: COB Philips SLM G7 Premium White

OVERTIME PERFORMANCE

Median useful life of LED source: L80B50, 50 000 Hours
Power consumption tolerance: +/- 10%

ELECTRICAL PARAMETERS

Electrical isolation class IEC: Class I
Power factor nominal: 0,95
Input voltage: 220-240V

ENVIRONMENTAL CONDITIONS

Ambient temperature range: 0 to +35 °C

MECHANICAL PARAMETERS

Ingress protection: IP20
Impact resistance: IK02
Reflector material: Faceted anodized aluminum
Body material: Aluminium
Color: White or Black
Installation: In-track mounted

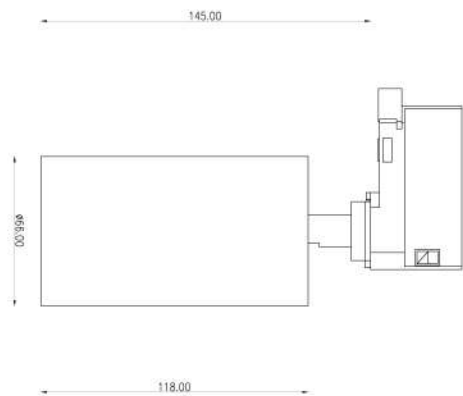
GENERAL INFORMATION

Warranty period: 5 years
Application:
Shops
Show rooms
Meeting rooms
Circulation areas
Hospitality

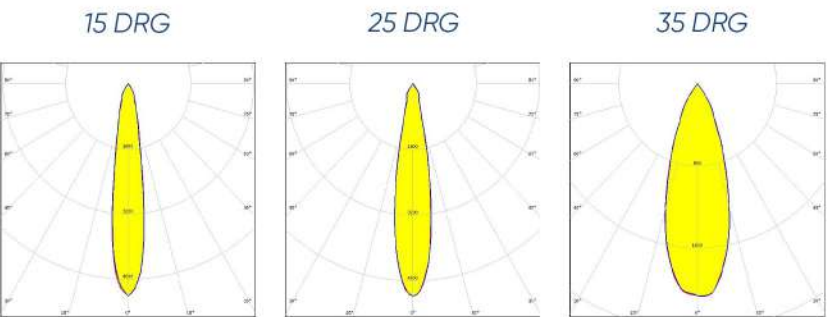
STANDARD PRODUCT RANGE

Code	Type	lumen output, Lm	Power W	CCT,K	CRI	Beam angle	Finising
700151452101	DTP100 800Lm 9W 930 15DGR WH	800	9	3000	90	15	WHITE
700151452102	DTP100 800Lm 9W 930 25DGR WH	800	9	3000	90	15	WHITE
700151452103	DTP100 800Lm 9W 930 35DGR WH	800	9	3000	90	15	WHITE
700151452104	DTP100 800Lm 9W 930 15DGR BK	800	9	3000	90	15	BLACK
700151452105	DTP100 800Lm 9W 930 25DGR BK	800	9	3000	90	15	BLACK
700151452106	DTP100 800Lm 9W 930 35DGR BK	800	9	3000	90	15	BLACK

DIMENSIONS



POLAR DIAGRAMM



DTP 101



BENEFITS

LED accent-lighting solution with a reasonable payback compared to conventional technologies
Suitable for food and fashion retailers
Available in a choice of black or white finishing

OVERTIME PERFORMANCE

Median useful life of LED source: L80B50, 50 000 Hours
Power consumption tolerance: +/- 10%

PRODUCT INFORMATION

FUNCTIONALITY

Initial LED luminaire efficacy: 90lm/W
Color Rendering Index (CRI): 90 as a standard
Power supply: Driver included
Light source: COB Philips SLM G7 Premium White

LIGHTING PERFORMANCE

CCT: 3000K, 3500K, 4000K, 5700K, 6500K
Color rendering index, CRI: > 90
Initial color shift, SDCM: < 5
Light distribution: 15,25,36,60 grad
Light source: COB Philips SLM
Initial light output: 3800Lm

ELECTRICAL PARAMETERS

Electrical isolation class IEC: Class I
Power factor nominal: 0,95
Input voltage: 220 – 240V

ENVIROMENTAL CONDITIONS

Ambient temperature range: 0 to +35 °C

MECHANICAL PARAMETERS

Ingress protection: IP20
Impact resistance: IK02
Reflector material: Faceted anodized aluminum
Body material: Aluminium
Color: White or Black
Installation: In-track mounted

GENERAL INFORMATION

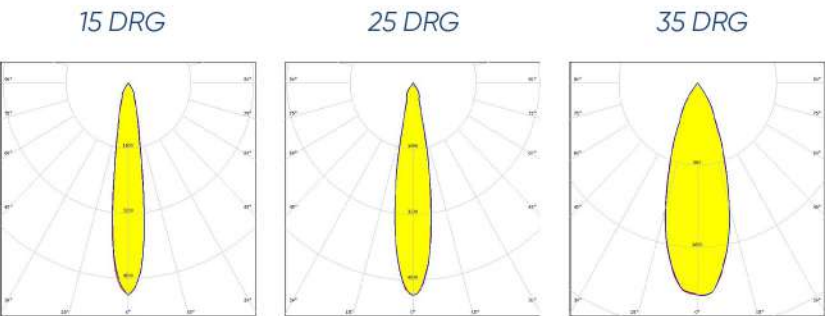
Warranty period: 5 years
Application:
Shops
Show rooms
Meeting rooms
Circulation areas
Hospitality

STANDARD PRODUCT RANGE

Code	Type	lumen output, Lm	Power W	CCT,K	CRI	Beam angle	Finising
700151452313	DTP101 1100Lm 11W 930 15DGR WH	1100	11	3000	90	15	WHITE
700151452314	DTP101 1100Lm 11W 930 25DGR WH	1100	11	3000	90	15	WHITE
700151452315	DTP101 1100Lm 11W 930 35DGR WH	1100	11	3000	90	15	WHITE
700151452316	DTP101 1100Lm 11W 930 15DGR BK	1100	11	3000	90	15	BLACK
700151452317	DTP101 1100Lm 11W 930 25DGR BK	1100	11	3000	90	15	BLACK
700151452318	DTP101 1100Lm 11W 930 35DGR BK	1100	11	3000	90	15	BLACK

DIMENSIONS

POLAR DIAGRAMM



DTP 104



BENEFITS

LED accent-lighting solution with a reasonable payback compared to conventional technologies
Suitable for food and fashion retailers
Available in a choice of black or white finishing

OVERTIME PERFORMANCE

Median useful life of LED source: L80B50, 50 000 Hours
Power consumption tolerance: +/- 10%

PRODUCT INFORMATION

FUNCTIONALITY

Initial LED luminaire efficacy: 95lm/W
Color Rendering Index (CRI): 90 as a standard
Power supply: Track adapter Driver included

LIGHTING PERFORMANCE

CCT: 3000K, 3500K, 4000K, 5700K, 6500K
Color rendering index, CRI: > 90
Initial color shift, SDCM: < 5
Light distribution: 15,25,36,60 grad
Light source: COB Philips SLM
Initial light output: 3800Lm

ELECTRICAL PARAMETERS

Electrical isolation class IEC: Class I
Power factor nominal: 0,95
Input voltage: 220-240V
Power consumption: 27W

ENVIROMENTAL CONDITIONS

Ambient temperature range: 0 to +35 °C

MECHANICAL PARAMETERS

Ingress protection: IP20
Impact resistance: IK02
Reflector material: Faceted anodized aluminum
Body material: Aluminium
Color: White or Black
Installation: In-track mounted

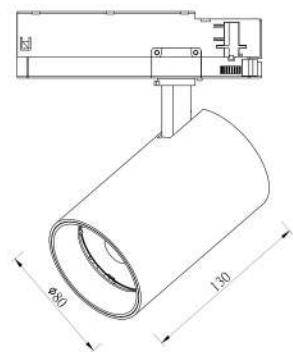
GENERAL INFORMATION

Warranty period: 5 years
Application:
Shops
Show rooms
Meeting rooms
Circulation areas
Hospitality

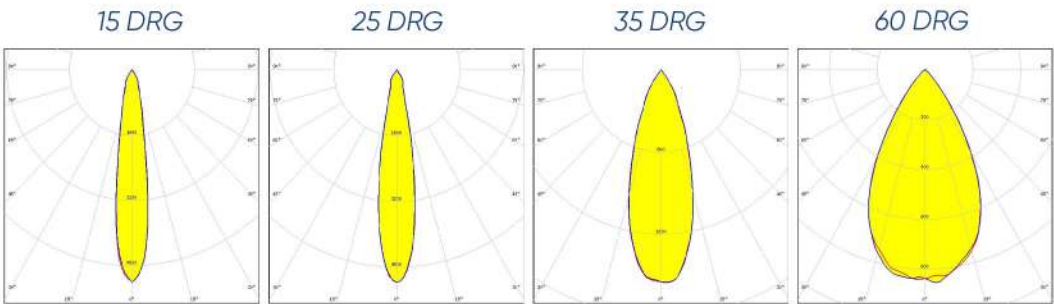
STANDARD PRODUCT RANGE

Code	Type	lumen output, Lm	Power W	CCT,K	CRI	Beam angle	Finising
700151452341	DTP104 2500Lm 27W 930 15DGR WH	2500	27	3000	90	15	WHITE
700151452342	DTP104 2500Lm 27W 930 25DGR WH	2500	27	3000	90	25	WHITE
700151452343	DTP104 2500Lm 27W 930 36DGR WH	2500	27	3000	90	36	WHITE
700151452353	DTP104 2500Lm 27W 930 60DGR WH	2500	27	3000	90	60	WHITE
700151452344	DTP104 2500Lm 27W 930 15DGR BK	2500	27	3000	90	15	BLACK
700151452345	DTP104 2500Lm 27W 930 25DGR BK	2500	27	3000	90	25	BLACK
700151452346	DTP104 2500Lm 27W 930 36DGR BK	2500	27	3000	90	36	BLACK
700151452354	DTP104 2500Lm 27W 930 60DGR BK	2500	27	3000	90	60	BLACK

DIMENSIONS



POLAR DIAGRAMM



DTP 105



IP20 IK02

230V CE

BENEFITS

LED accent-lighting solution with a reasonable payback compared to conventional technologies
Suitable for food and fashion retailers
Available in a choice of black or white finishing

OVERTIME PERFORMANCE

Median useful life of LED source: L80B50, 50 000 Hours
Power consumption tolerance: +/- 10%

PRODUCT INFORMATION

FUNCTIONALITY

Initial LED luminaire efficacy: 95lm/W
Color Rendering Index (CRI): 90 as a standard
Power supply: Track adapter Driver included

LIGHTING PERFORMANCE

CCT: 3000K, 3500K, 4000K, 5700K, 6500K
Color rendering index, CRI: > 90
Initial color shift, SDCM: < 5
Light distribution: 15,25,36,60 grad
Light source: COB Philips SLM
Initial light output: 3800Lm

ELECTRICAL PARAMETERS

Electrical isolation class IEC: Class I
Power factor nominal: 0,95
Input voltage: 220-240V
Power consumption: 41W

ENVIROMENTAL CONDITIONS

Ambient temperature range: 0 to +35 °C

MECHANICAL PARAMETERS

Ingress protection: IP20
Impact resistance: IK02
Reflector material: Faceted anodized aluminum
Body material: Aluminium
Color: White or Black
Installation: In-track mounted

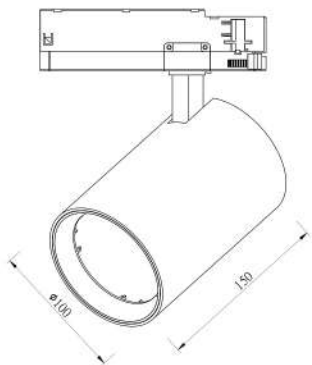
GENERAL INFORMATION

Warranty period: 5 years
Application:
Shops
Show rooms
Meeting rooms
Circulation areas
Hospitality

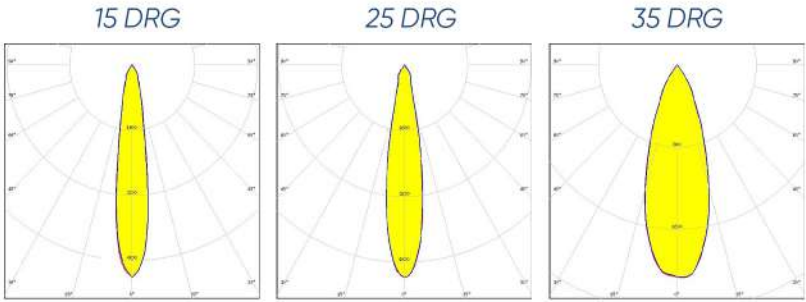
STANDARD PRODUCT RANGE

Code	Type	lumen output, Lm	Power W	CCT,K	CRI	Beam angle	Finising
700151452347	DTP105 3800Lm 41W 930 15DGR WH	3800	48	3000	90	15	WHITE
700151452348	DTP105 3800Lm 41W 930 25DGR WH	3800	48	3000	90	25	WHITE
700151452349	DTP105 3800Lm 41W 930 36DGR WH	3800	48	3000	90	36	WHITE
700151452355	DTP105 3800Lm 41W 930 60DGR WH	3800	48	3000	90	60	WHITE
700151452350	DTP105 3800Lm 41W 930 15DGR BK	3800	48	3000	90	15	BLACK
700151452351	DTP105 3800Lm 41W 930 25DGR BK	3800	48	3000	90	25	BLACK
700151452352	DTP105 3800Lm 41W 930 36DGR BK	3800	48	3000	90	36	BLACK
700151452356	DTP105 3800Lm 41W 930 60DGR BK	3800	48	3000	90	60	BLACK

DIMENSIONS



POLAR DIAGRAMM



DRS 110



BENEFITS

LED accent-lighting solution with a reasonable payback compared to conventional technologies
Suitable for food and fashion retailers
Available in a choice of black or white finish

PRODUCT INFORMATION

FUNCTIONALITY

Initial LED luminaire efficacy: 95lm/W
Color Rendering Index (CRI): 90 as a standard, 80 on request
Power supply: Philips or Tridonic Driver included
Light source: Philips LED COB

ELECTRICAL PARAMETERS

Driver efficiency nominal: 92%
Electrical isolation class IEC: Class II
Input Frequency: 50-60 HZ
Power factor nominal: 0,95
Input voltage: 220 – 240 V
Power consumption: 27W

ENVIROMENTAL CONDITIONS

Ambient temperature range: 0 to +35 °C

MECHANICAL PARAMETERS

Ingress protection: IP20
Impact resistance: IK02
Reflector material: Faceted anodized aluminum, or PMMA lens, depend on type
Body material: Aluminium
Color: White or Black
Beam angle: 24, 36, 60 dgr
Installation: Recessed

OVERTIME PERFORMANCE

Driver service life time @10% failures: 50 000 hours
Initial system efficacy: 95 Lm/W
Luminous flux system tolerance: 5%
Median useful life of LED source: L80B50, 50 000 Hours
Power consumption tolerance: +/- 5%

GENERAL INFORMATION

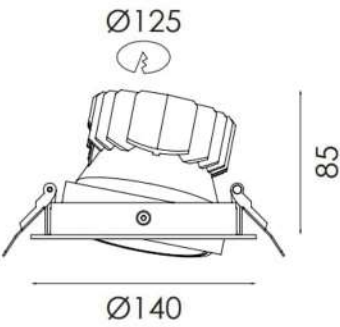
Flammability: NO
Warranty period: 5 years
CE mark: CE mark
ROHS mark: ROHS compliant
Application:
Shops
Show rooms
Meeting rooms
Circulation areas
Hospitality

STANDARD PRODUCT RANGE

Code	Type	lumen output, Lm	Power W	CCT,K	CRI	Beam angle	Finising	OPTIC
700151453301	DRS110 2500Lm 27W 930 24DGR WH	2500	27	3000	90	24	WHITE	PMMA LENS
700151453302	DRS110 2500Lm 27W 930 36DGR WH	2500	27	3000	90	36	WHITE	reflector
700151453303	DRS110 2500Lm 27W 930 60DGR WH	2500	27	3000	90	60	WHITE	reflector
700151453304	DRS110 2500Lm 27W 940 24DGR WH	2500	27	4000	90	24	WHITE	PMMA LENS
700151453305	DRS110 2500Lm 27W 940 36DGR WH	2500	27	4000	90	36	WHITE	reflector
700151453306	DRS110 2500Lm 27W 940 60DGR WH	2500	27	3000	90	60	WHITE	reflector

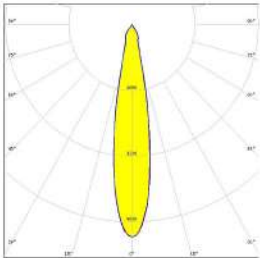
DIMENSIONS

DRS110

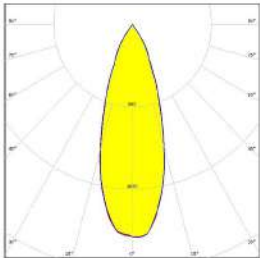


POLAR DIAGRAMM

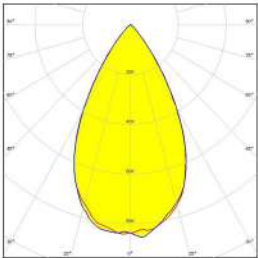
24 DRG



36 DRG



60 DRG



DRS 111



BENEFITS

LED accent-lighting solution with a reasonable payback compared to conventional technologies
Suitable for food and fashion retailers
Available in a choice of black or white finish

PRODUCT INFORMATION

FUNCTIONALITY

Initial LED luminaire efficacy: 95lm/W
Color Rendering Index (CRI): 90 as a standard, 80 on request
Power supply: Philips or Tridonic Driver included
Light source: Philips LED COB

ELECTRICAL PARAMETERS

Driver efficiency nominal: 92%
Electrical isolation class IEC: Class II
Input Frequency: 50-60 HZ
Power factor nominal: 0,95
Input voltage: 220 – 240 V
Power consumption: 42W

ENVIROMENTAL CONDITIONS

Ambient temperature range: 0 to +35 °C

MECHANICAL PARAMETERS

Ingress protection: IP20
Impact resistance: IK02
Reflector material: Faceted anodized aluminum, or PMMA lens, depend on type
Body material: Aluminium
Color: White or Black
Beam angle: 24, 36, 60 dgr
Installation: Recessed

OVERTIME PERFORMANCE

Driver service life time @10% failures: 50 000 hours
Initial system efficacy: 95 Lm/W
Luminous flux system tolerance: 5%
Median useful life of LED source: L80B50, 50 000 Hours
Power consumption tolerance: +/- 5%

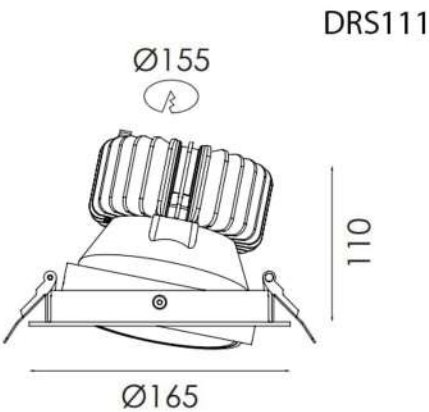
GENERAL INFORMATION

Flammability: NO
Warranty period: 5 years
CE mark: CE mark
ROHS mark: ROHS compliant
Application:
Shops
Show rooms
Meeting rooms
Circulation areas
Hospitality

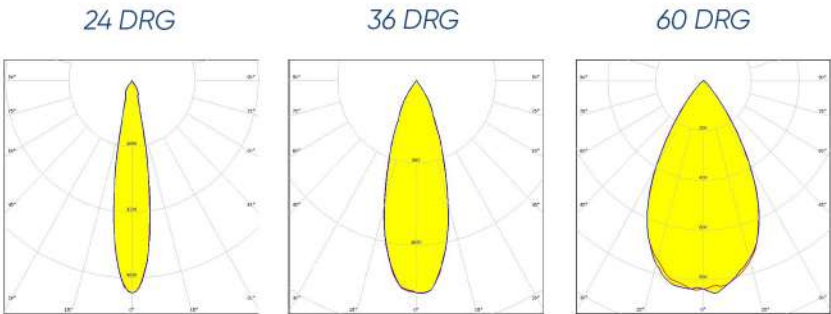
STANDARD PRODUCT RANGE

Code	Type	lumen output, Lm	Power W	CCT,K	CRI	Beam angle	Finising
700151453307	DRS110 3800Lm 42W 930 24DGR WH	3800	42	3000	90		WHITE
700151453308	DRS110 3800Lm 42W 930 36DGR WH	3800	42	3000	90	36	WHITE
700151453309	DRS110 3800Lm 42W 930 60DGR WH	3800	42	3000	90	60	WHITE
700151453310	DRS110 3800Lm 42W 940 24DGR WH	3800	42	4000	90	24	WHITE
700151453311	DRS110 3800Lm 42W 940 36DGR WH	3800	42	4000	90	36	WHITE
700151453312	DRS110 3800Lm 42W 940 60DGR WH	3800	42	3000	90	60	WHITE

DIMENSIONS



POLAR DIAGRAMM



INDUSTRIAL

Discover our range of luminaires for industrial applications. High dust and moisture protection, high energy efficiency, various control options and all this together with high reliability and simplicity of installation. In this section you will find standard configurations. On request, we can design luminaires to meet your specific requirements.



DCF 322

HE HIGHBAY MINI



BENEFITS

High energy efficacy up to 163 Lm/W
Low initial costs
LEDIL Optic
Low glare effect.
Significant reduction in maintenance
DALI or 1-10V managing
Attractive design

PRODUCT INFORMATION

FUNCTIONALITY

Diffuser: PMMA LEDIL Lens as standard
PC LEDIL Lens on request
Color Rendering Index (CRI): > 80
Power supply: Driver Philips Xitanium
Control method:
1-10V (dimming range 10-100%)
DALI (dimming range 10-100%)
Codes mains
ApmDim
LineSwitch 3 step or single step
Light source: MST LED module

ENVIRONMENTAL CONDITIONS

Ambient temperature range: -40 to +55 °C

ELECTRICAL PARAMETERS

Electrical isolation class IEC: Class I as standard
Class II on request

Power factor nominal: 0,95

Input voltage: 220 – 240V

Power consumption: 64-106W depending on type
Luminaires/MCB 16A Type B: ≤ 10

Output current ripple: LF ≤ 4
HF ≤ 4

MECHANICAL PARAMETERS

Ingress protection: IP66

Gasket material: Silicone

Impact resistance: IK07 as standard
IK10 on request

Body material: Housing: high-pressure, die-cast aluminum

Color: Black

OVERTIME PERFORMANCE

Initial system efficacy: 142-156 Lm/W

Initial light output: 10000-15000 Lm

Median useful life of LED source: L80B20, 100 000 Hours

GENERAL INFORMATION

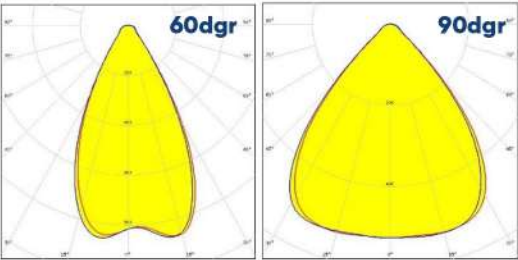
Application:

Industrial halls
Warehouses
Exhibition halls
Food production area
Supermarkets

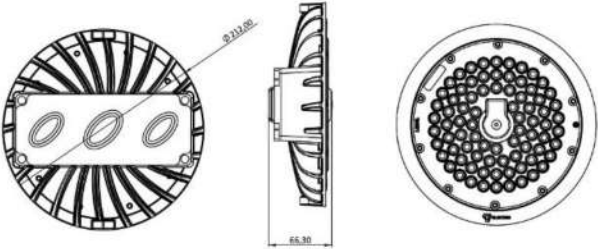
STANDARD PRODUCT RANGE

Code	Type	Power W	System flux Lm	Efficacy Lm/W
600151551140	DCF322 10KLm 64W 840 I 60 DGR IP66 IC0	64	10000	156
600151551141	DCF322 10KLm 64W 840 I 90 DGR IP66 IC0	64	10000	156
600151551150	DCF322 15KLm 106W 840 I 60 DGR IP66 IC0	106	15000	142
600151551151	DCF322 15KLm 106W 840 I 90 DGR IP66 IC0	106	15000	142

POLAR DIAGRAM



DIMENSIONS



DCF 323

HE HIGHBAY MAXI



BENEFITS

High energy efficacy up to 163 Lm/W
Low initial costs
LEDIL Optic
Low glare effect.
Significant reduction in maintenance
DALI or 1-10V managing
Attractive design

PRODUCT INFORMATION

FUNCTIONALITY

Diffuser: PMMA LEDIL Lens as standard
PC LEDIL Lens on request
Color Rendering Index (CRI): > 80
Power supply: Driver Philips Xitanium
Control method:
1-10V (dimming range 10-100%)
DALI (dimming range 10-100%)
Codes mains
ApmDim
LineSwitch 3 step or single step
Light source: MST LED module

ENVIRONMENTAL CONDITIONS

Ambient temperature range: -40 to +55 °C

ELECTRICAL PARAMETERS

Electrical isolation class IEC: Class I as standard
Class II on request

Power factor nominal: 0,95
Input voltage: 220 – 240V
Power consumption: 128-160 W depending on type
Luminaires/MCB 16A Type B: ≤ 8
Output current ripple: LF ≤ 4
HF ≤ 4

MECHANICAL PARAMETERS

Ingress protection: IP66
Gasket material: Silicone
Impact resistance: IK07 as standard
IK10 on request
Body material: Housing: high-pressure, die-cast aluminum
Color: Black

OVERTIME PERFORMANCE

Initial system efficacy: 156 Lm/W
Initial light output: 20000-25000 Lm
Median useful life of LED source: L80B20, 100 000 Hours

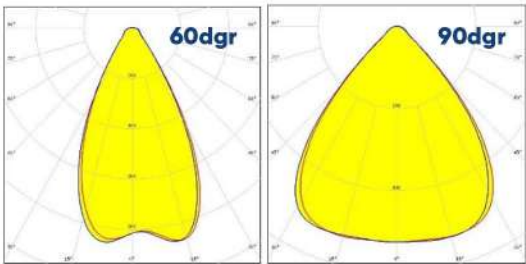
GENERAL INFORMATION

Application:
Industrial halls
Warehouses
Exhibition halls
Food production area
Supermarkets

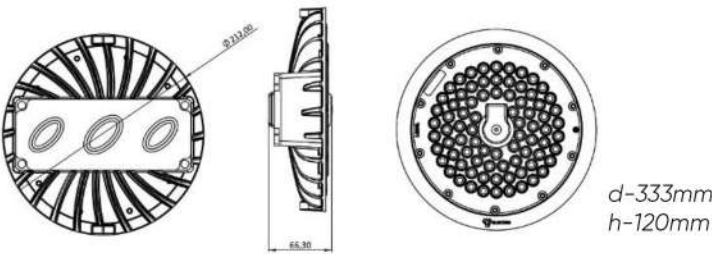
STANDARD PRODUCT RANGE

Code	Type	Power W	System flux Lm	Efficacy Lm/W	Weight kg
600151551200	DCF323 20KLm 128W 840 60 DGR IP66 IC0	128	20000	156	3.6
600151551201	DCF323 20KLm 128W 840 90 DGR IP66 IC0	128	20000	156	3.6
600151551250	DCF323 25KLm 160W 840 60 DGR IP66 IC0	160	25000	156	3.8
600151551251	DCF323 25KLm 160W 840 90 DGR IP66 IC0	160	25000	156	3.8

POLAR DIAGRAM



DIMENSIONS



DCF 324

ECOLINE HIGHBAY

GEN2

IK07

IP65

CE



F



BENEFITS

High energy efficacy
Low initial costs
High protective grade
Significant reduction in maintenance
Attractive design

MECHANICAL PARAMETERS

Ingress protection: IP65
Impact resistance: IK07
Body material: Housing: high-pressure, die-cast aluminium
Color: Black
Installation: Suspending on hook or with ropes

PRODUCT INFORMATION

FUNCTIONALITY

Driver: Driver Philips Xitanium
Initial LED luminaire efficacy: 130 Lm/W
Diffuser: PMMA group lens
Light Color: 4000K as standard 5700, 6500K on request
Color Rendering Index (CRI): > 80
Light Output Range Lm: 15000Lm, 20000Lm, 25000Lm, depends on type
Optical types: Symmetrical 60dgr or 90dgr
Power supply: Driver Philips Xitanium
Light source: LED module Philips Fortimo

OVERTIME PERFORMANCE

Initial system efficacy: 132-136 Lm/W
Median useful life of LED source: L80B20, 50 000 Hours

ENVIRONMENTAL CONDITIONS

Ambient temperature range: -15 to +40 °C
Average ambient temperature: n/a

ELECTRICAL PARAMETERS

Driver efficiency nominal: 0.9
Electrical isolation class IEC: Class I
Input Frequency: 50-60 Hz
Power factor nominal: 0.95
Input voltage: 220 - 240 V
Power consumption: 110 - 190 W depending on type

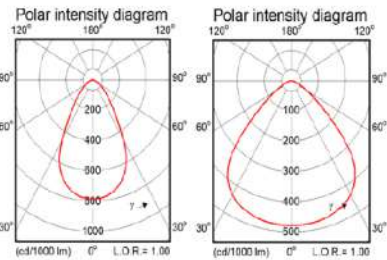
GENERAL INFORMATION

Warranty period: 5 years
Application:
Industrial halls
Warehouses
Exhibition halls
Food production area
Supermarkets

STANDARD PRODUCT RANGE

Code	Type	Light output,Lm	Power W	Efficacy Lm/W
700151145210	DCF324 15KLM 110W 840 I 90DGR	15000	110	130
700151145211	DCF 324 20KLM 150W 840 I 90DGR	20000	150	130
700151145212	DCF 324 20KLM 150W 840 I 90DGR	20000	150	130
700151145213	DCF 324 25KLM 190W 840 I 90DGR	25000	190	130

GENERAL INFORMATION



Dimensions: 330x330x120mm

Weight brutto: 3,1 kg

Quantity on pallet: 40pcs

DCW097



PRODUCT INFORMATION

Initial LED luminaire efficacy:

Up to 167 Lm/W depends on type

Optical cover: Injection molded acrylic (PMMA).

As option injection molded polycarbonate (PC)

Color Rendering Index (CRI): > 80

Power supply: Driver Philips or Tridonic included

Light source: LED module with OSRAM led chips

ELECTRICAL PARAMETERS

Driver efficiency nominal:

0,87-0,92 depends on type

Electrical isolation class IEC:

Class I as a standard, Class II on request

Input Frequency: 50-60 Hz

Power factor nominal: 0,95

Input voltage: 220 – 240 V

Power consumption:

11-74 W depending on type

MECHANICAL PARAMETERS

Ingress protection: IP66

Impact resistance: IK05, IK08 as option

Installation: on surface, suspended

Body material: Flame retardant glass-fibre reinforced polyester

BENEFITS

Stylish design, made for LED

Reliable LED technology – maintenance-free

Direct replacement for conventional waterproof luminaires in terms of light performance, installation flexibility and length

OVERTIME PERFORMANCE

Driver service life time @10% failures: 50 000 h

Initial system efficacy: up to 167 Lm/W depends on type

Luminous flux system tolerance: +/- 5%

Median useful life of LED source: L80B20, 50 000 Hours

Power consumption tolerance: +/- 5%

ENVIROMENTAL CONDITIONS

Ambient temperature range: -20+35 C

GENERAL INFORMATION

Warranty period: 5 years

Application:

Parking garages

Warehouses

General lighting

STANDARD PRODUCT RANGE

Code	Type	Light output, LM	Power W	Efficacy Lm/W	Length, mm
700151251053	DCW097-060 1200Lm 11W 840 I OP PMMA IP66	1200	11	109	605
700151251175	DCW097-060 2300Lm 15W 840 I OP PMMA IP66	2300	15	153	605
700151251174	DCW097-060 3300Lm 22W 840 I OP PMMA IP66	3300	22	150	605
700151251173	DCW097-060 4000Lm 24W 840 I OP PMMA IP66	4000	24	167	605
700151252522	DCW097-060 4300Lm 29W 840 I OP PMMA IP66	4300	29	148	605
700151251039	DCW097-120 3000Lm 23W 840 I OP PMMA IP66	3000	23	130	1185
700151251040	DCW097-120 4000Lm 28W 840 I OP PMMA IP66	4000	28	143	1185
700151251068	DCW097-120 5300Lm 37W 840 I OP PMMA IP66	5300	37	143	1185
700151251002	DCW097-120 6000Lm 36W 840 I OP PMMA IP66	6000	36	167	1185
700151251016	DCW097-120 8000Lm 49W 840 I OP PMMA IP66	8000	49	163	1185
700151251043	DCW097-150 9500Lm 66W 840 I OP PMMA IP66	9500	66	144	1477
700151251033	DCW097-150 11500Lm 74W 840 I OP PMMA IP66	11500	74	155	1477

NUMBER OF LUMINAIRES ON MCB MAX

Power,W	B10	B16	C10	C16
19-58W	22	36	22	36
60-75W	15	24	25	41

DIMENSIONS AND PACKING INFORMATION

Type	Size A, mm	Size B, mm	Size C, mm	Weight, kg	Number on the pallet, pcs
DCW097-060	605	238 +/- 23	670	0.9	160
DCW097-120	1185	700 +/- 78	1230	1.5	80
DCW097-150	1477	1000 +/- 78	1510	1.8	80



DCW111



PRODUCT INFORMATION

Initial LED luminaire efficacy:

Up to 164 Lm/W depends on type

Optical cover: Injection molded acrylic (PMMA).

As option injection molded polycarbonate (PC)

Color Rendering Index (CRI): > 80

Power supply: Driver Philips or Tridonic included

Light source: LED module with OSRAM led chips

ELECTRICAL PARAMETERS

Driver efficiency nominal:

0,87-0,92 depends on type

Electrical isolation class IEC:

Class I as a standard, Class II on request

Input Frequency: 50-60 Hz

Power factor nominal: 0,95

Input voltage: 220 – 240 V

Power consumption:

25-72 W depending on type

MECHANICAL PARAMETERS

Ingress protection: IP65 as standard,

IP66,67 on request

Impact resistance: IK05, IK08 as option

Installation: on surface

Body material: Flame retardant glass-fibre reinforced polyester

BENEFITS

High efficacy – Up to 80% energy saving compare with conventional luminaires

Reliable LED technology – maintenance-free

Direct replacement for conventional waterproof luminaires in terms of light performance, installation flexibility and length

UV stabilized diffuser, chemically resistant or vandal proof PC version

OVERTIME PERFORMANCE

Driver service life time @10% failures: 100 000 h

Initial system efficacy: up to 164 Lm/W depends on type

Luminous flux system tolerance: +/- 5%

Median useful life of LED source: L80B20, 100 000 Hours

Power consumption tolerance: +/- 5%

ENVIRONMENTAL CONDITIONS

Ambient temperature range: -20+35 C

GENERAL INFORMATION

Warranty period: 5 years

Application:

Parking garages

Warehouses

General lighting

STANDARD PRODUCT RANGE

Code	Type	Light output, LM	Power W	Efficacy Lm/W
700151252603	DCW111-120 4100Lm 25W 840 I OP IP65	4100	25	164
700151252604	DCW111-120 8000Lm 49W 840 I OP IP65	8000	49	163
700151252605	DCW111-150 7000Lm 44W 840 I OP IP65	7000	44	159
700151252606	DCW111-150 11400Lm 72W 840 I OP IP65	11400	72	158

NUMBER OF LUMINAIRES ON MCB MAX

Power, W	B10	B16	C10	C16
19-58W	22	36	22	36
66-74W	15	24	25	41

DIMENSIONS AND PACKING INFORMATION

Type	Weight, kg	q-ty on pallet, pcs
DCW111-120	1.8	80
DCW111-150	2.2	80



Type	L	W	H
DCW 111 120	1200	90	100 (mm)
DCW 111 150	1500	90	100 (mm)

DCW114



PRODUCT INFORMATION

Initial LED luminaire efficacy:

Up to 163 Lm/W depends on type

Optical cover: Injection molded acrylic (PMMA).

As option injection molded polycarbonate (PC)

Color Rendering Index (CRI): > 80

Power supply: Driver Philips or Tridonic included

Light source: LED module with OSRAM led chips

ELECTRICAL PARAMETERS

Driver efficiency nominal:

0,87-0,92 depends on type

Electrical isolation class IEC:

Class I as a standard, Class II on request

Input Frequency: 50-60 Hz

Power factor nominal: 0,95

Input voltage: 220 – 240 V

Power consumption:

80-125W depending on type

MECHANICAL PARAMETERS

Ingress protection: IP65

Impact resistance: IK05, IK08 as option

Installation: on surface, suspended

Body material: Flame retardant glass-fibre reinforced polyester

BENEFITS

High efficacy up to 163 Lm/W

High flux – can be used in rooms with ceiling heights up to 10m

Components for industrial use

Low glare effect – ideal for warehouses

Reliable LED technology – maintenance-free

Direct replacement for conventional waterproof luminaires in terms of light performance, installation flexibility and length

OVERTIME PERFORMANCE

Driver service life time @10% failures: 100 000 h

Initial system efficacy: up to 163 Lm/W depends on type

Luminous flux system tolerance: +/- 5%

Median useful life of LED source: L80B20, 100 000 Hours

Power consumption tolerance: +/- 5%

ENVIRONMENTAL CONDITIONS

Ambient temperature range: -20+35 C

GENERAL INFORMATION

Warranty period: 5 years

Application:

Parking garages

Warehouses

General lighting

STANDARD PRODUCT RANGE

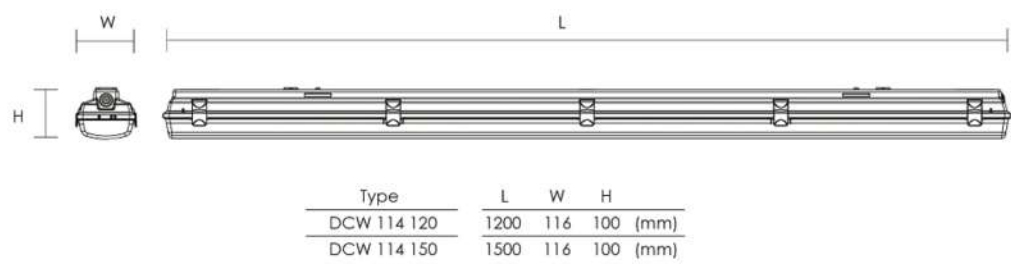
Code	Type	Light output, LM	Power W	Efficacy Lm/W
700151252607	DCW114-120 8000Lm 49W 840 I OP IP65	8000	49	163
700151252608	DCW114-120 10300Lm 66W 840 I OP IP65	10300	66	156
700151252609	DCW114-150 12000Lm 78W 840 I OP IP65	12000	78	153
700151252014	DCW114-120 14500Lm 99W 840 I OP IP65	14500	99	145
700151252019	DCW114-150 19000Lm 125W 840 I OP IP65	19000	125	145

NUMBER OF LUMINAIRES ON MCB MAX

Power, W	B10	B16	C10	C16
49-66W	15	24	25	41
78-99W	14	22	23	37
125W	8	12	12	20

DIMENSIONS AND PACKING INFORMATION

Type	Weight, kg	q-ty on pallet, pcs
DCW097-120	2.5	72
DCW097-150	2.5	72



DCW116



PRODUCT INFORMATION

Initial LED luminaire efficacy:

Up to 164 Lm/W depends on type

Optical cover: Injection molded polycarbonate (PC)

Color Rendering Index (CRI): > 80

Power supply: Driver Philips included

Light source: LED module with OSRAM led chips

ELECTRICAL PARAMETERS

Driver efficiency nominal:

0,87-0,92 depends on type

Electrical isolation class IEC:

Class I as a standard, Class II on request

Input Frequency: 50-60 Hz

Power factor nominal: 0,95

Input voltage: 220 – 240 V

Power consumption: 152W

MECHANICAL PARAMETERS

Ingress protection: IP65

Impact resistance: IK08

Installation: on surface, suspended

Body material: Flame retardant glass-fibre reinforced polyester

BENEFITS

High efficacy up to 164 Lm/W

High flux – can be used in rooms with ceiling heights up to 12m

Components for industrial use

Low glare effect – ideal for warehouses

Reliable LED technology – maintenance-free

Direct replacement for conventional High Bay luminaires in terms of light performance, installation flexibility and length

OVERTIME PERFORMANCE

Driver service life time @10% failures: 100 000 h

Initial system efficacy: up to 164 Lm/W depends on type

Luminous flux system tolerance: +/- 5%

Median useful life of LED source: L80B20, 100 000 Hours

Power consumption tolerance: +/- 5%

ENVIRONMENTAL CONDITIONS

Ambient temperature range: -20+35 C

GENERAL INFORMATION

Warranty period: 5 years

Application:

Parking garages

Warehouses

General lighting

STANDARD PRODUCT RANGE

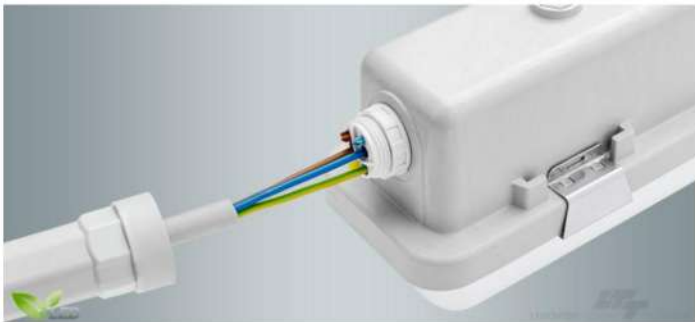
Code	Type	Light output, LM	Power W	Efficacy Lm/W
700151253001	DCW116-150 25000Lm 152W 840 I OP IP65	25000	152	164
700151253002	DCW116-150 25000Lm 152W 840 I OP IP65 DALI	25000	152	154

NUMBER OF LUMINAIRES ON MCB MAX

B10	B16	C10	C16
6	9	9	15

DIMENSIONS AND PACKING INFORMATION

Type	Weight, kg	q-ty on pallet, pcs
DCW116-150	4	55



Fast connection

DCW117



PRODUCT INFORMATION

Initial LED luminaire efficacy:

Up to 158 Lm/W depends on type

Optical cover: Polycarbonate (PC) by co-extrusion

Color Rendering Index (CRI): > 80

Power supply: Driver Philips or Tridonic included

Light source: LED module, OSRAM Led chips

ELECTRICAL PARAMETERS

Input Frequency: 50–60Hz

Driver efficiency nominal: 0,87–0,92 depends on type

Electrical isolation class IEC: Class I or II on request

Input Frequency: 50–60 Hz

Power factor nominal: 0,95

Input voltage: 220 – 240 V

Power consumption: 11–75 W depending on type

Input voltage: 220 – 240 V

Power consumption: 36–62 W

MECHANICAL PARAMETERS

Ingress protection:

IP65 as standard, IP66, IP68 on request

Impact resistance: IK08

Installation: On surface

Body material:

Polycarbonate (PC) by co-extrusion

BENEFITS

Up to 50% energy savings compared with TL-D

An excellent light uniformity through well-balanced light dispersing (no shadows)

Reliable LED technology – maintenance-free

Direct replacement for conventional waterproof luminaires in terms of light performance, installation flexibility and length

Quick installation

Attractive design

OVERTIME PERFORMANCE

Driver service life time @10% failures:

50000–100 000 hours depends on type

Initial system efficacy: up to 158Lm/W

Luminous flux system tolerance: +/- 5%

Median useful life of LED source: L80B20, 50000 Hours

Power consumption tolerance: +/- 3%

ENVIROMENTAL CONDITIONS

Ambient temperature range: -20/+35 C

GENERAL INFORMATION

Warranty period: 5 years

Application:

Parking garages

Warehouses

General lighting

STANDARD PRODUCT RANGE

Code	Type	Light output, LM	Power W	Efficacy Lm/W	Lenght, mm
700151253526	DCW117-060 1200Lm 11W 840 I OP IP65	1200	11	109	600
700151253521	DCW117-060 2650Lm 18W 840 I OP IP65	2650	18	147	600
700151253524	DCW117-060 4400Lm 30W 840 I OP IP65	4400	30	147	600
700151253628	DCW117-120 4300Lm 29W 840 I OP IP65	4300	29	148	1 200
700151253621	DCW117-120 5300Lm 35W 840 I OP IP65	5300	36	147	1 200
700151253622	DCW117-120 7500Lm 50W 840 I OP IP65	7500	50	150	1 200
700151253726	DCW117-150 6000Lm 44W 840 I OP IP65	6000	44	136	1 500
700151253731	DCW117-150 7500Lm 50W 840 I OP IP65	7600	50	152	1 500
700151253721	DCW117-150 9500Lm 60W 840 I OP IP65	9500	60	158	1 500
700151253723	DCW117-150 11000Lm 75W 840 I OP IP65	11000	75	147	1 500
700151254521	DCW117-060 1500Lm 13W 840 II OP IP65 12/24V DC	1500	13	115	600

NUMBER OF LUMINAIRES ON MCB MAX

Power,W	B10	B16	C10	C16
19-58W	22	36	22	36
60-75W	15	24	25	41

DIMENSIONS AND PACKING INFORMATION

Type	Size A, mm	Size B, mm	Size C, mm	Size D, mm	Weght, kg	Number on the pallet, pcs
DCW117-060	75	63	670	200	0.8	210
DCW117-120	75	63	1230	200	1.3	120
DCW117-150	75	63	1510	200	1.5	120