

PRODUCT DATASHEET

DL SLIM SQ 155 12 W 6500 K WT

DOWNLIGHT SLIM SQUARE | Flat downlights with integrated driver, square shape



Areas of application

- Direct replacement for luminaires with compact fluorescent lamps
- General illumination
- Public areas
- Stairways
- Corridors
- Foyers
- Shops

Product benefits

- Very slim housing
- Low installation depth
- High luminous efficacy
- Energy savings up to 60 % (compared to luminaires that use CFL lamps)
- Very homogenous light
- Functional design
- Easy installation with fast connection
- Simple installation thanks to integrated driver

Product features

- Small visible bezel
- Connector box with push wire terminal for tool-free connection



- Light guide made of non-yellowing PMMA for long lifetime

TECHNICAL DATA

Electrical data

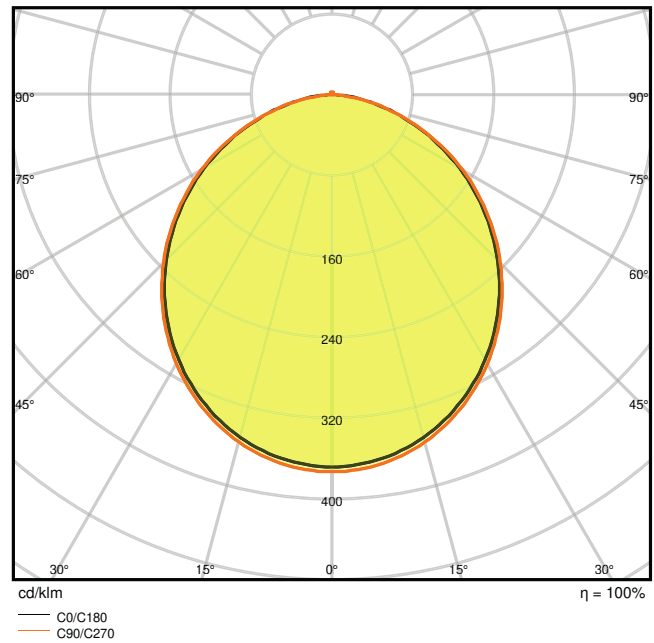
Nominal wattage	12.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	71.7 mA
Inrush current	15.6 A
Inrush current time T_{h50}	50 μ s
Max. no. of lum. on circuit break. B16 A	48
Max. no. of lum. on circuit break. C10 A	38
Max. no. of lum. on circuit break. C16 A	61
Power factor λ	0.50
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	1020 lm
Luminous efficacy	85 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdc _m
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °

0.5	1.36 1.35	E(0°) 1503 E(C90) 53.7° 158 E(C0) 53.5° 158
1.0	2.72 2.70	E(0°) 376 E(C90) 53.7° 40 E(C0) 53.5° 40
1.5	4.08 4.05	E(0°) 167 E(C90) 53.7° 18 E(C0) 53.5° 18
2.0	5.45 5.41	E(0°) 94 E(C90) 53.7° 10 E(C0) 53.5° 10
2.5	6.81 6.76	E(0°) 60 E(C90) 53.7° 6 E(C0) 53.5° 6
3.0	8.17 8.11	E(0°) 42 E(C90) 53.7° 4 E(C0) 53.5° 4
Distance [m]	Cone diameter [m]	Illuminance [lx]
— C0/C180 (Half beam angle [°]: 107.0°) — C90/C270 (Half beam angle [°]: 107.4°)		

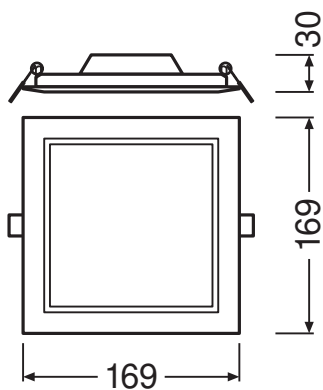
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Dimensions & Weight

Length	169.00 mm
Width	169.00 mm
Height	30.00 mm
Product weight	308.00 g



Materials & Colors

Product color	White
Housing color	White
Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+50 °C
Temperature range at storage	-30...+70 °C
Type of connection	Screwless terminal, 2-Pole
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Recessed
Mounting location	Ceiling / Wall
Application environment	Indoor
Mounting length	155,0 mm
Mounting width	155,0 mm
Mounting depth	50,0 mm
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	30000 h
Lifespan L80/B10 at 25 °C	20000 h
Lifespan L90/B10 at 25 °C	12000 h
Number of switching cycles	50000

Control gear

Output current	180 mA
ECG - Output ripple current	< 6.5 %

Certificates & Standards

Standards	CE / CB / EAC
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Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No










Additional product data

Number of illuminants	Not relevant
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EQUIPMENT / ACCESSORIES

- Surface mounting frames available as accessories

DOWNLOAD DATA

DOWNLOAD DATA	
	Addon Technical Information
	Tender documents
	Declarations Of Conformity CE
	Installation guide
	On-Pack-Info
	IES file (IES)
	LDT file (Eulumdat)
	M3D file (3D Model)
	ULD file (DIALux)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075079311	Folding box 1	45 mm x 195 mm x 175 mm	359.00 g	1.54 dm ³
4058075079328	Shipping box 6	290 mm x 205 mm x 195 mm	2374.00 g	11.59 dm ³

