PRODUCT DATASHEET
DL SLIM SQ 105 6 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



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



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TECHNICAL DATA

Electrical data

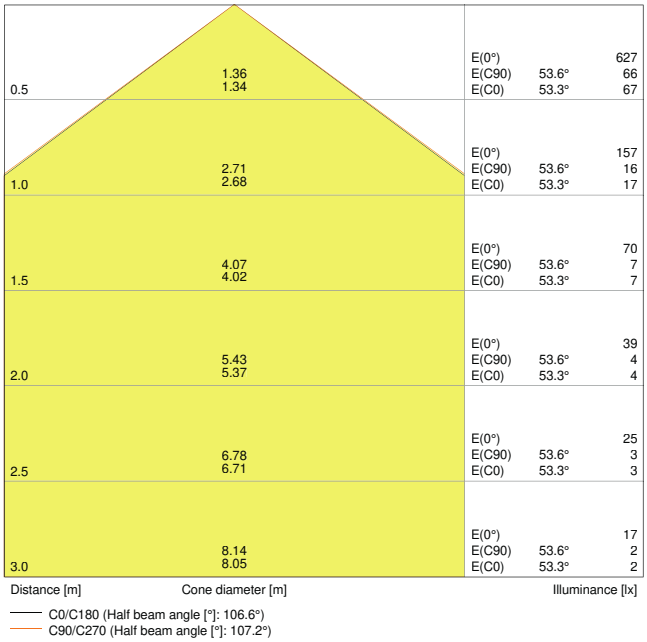
Nominal wattage	6.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	58 mA
Inrush current	6 A
Inrush current time T_{h50}	120 µs
Max. no. of lum. on circuit break. B16 A	72
Max. no. of lum. on circuit break. C10 A	60
Max. no. of lum. on circuit break. C16 A	96
Power factor λ	0.50
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

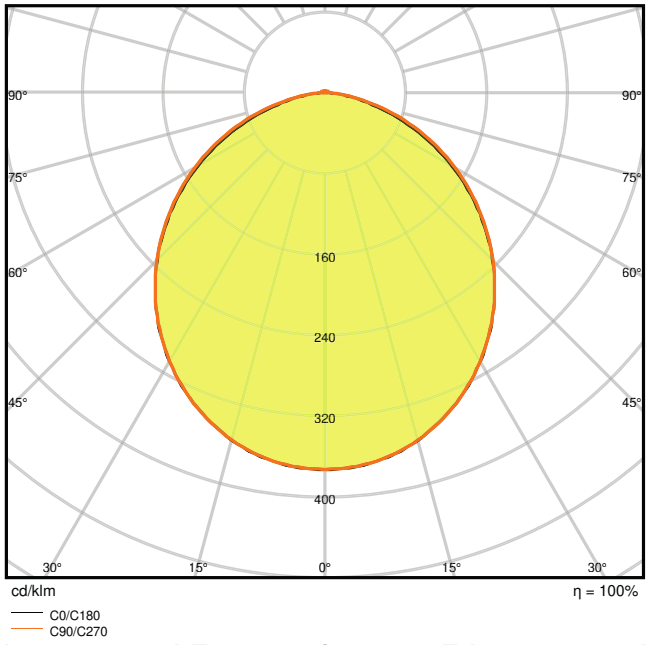
Luminous flux	430 lm
Luminous efficacy	70 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °



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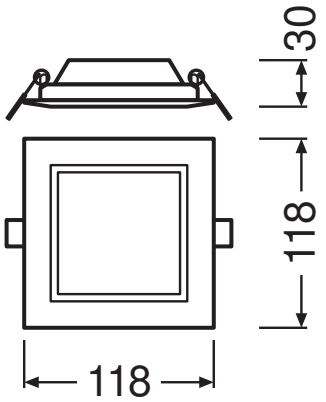
LDC typ cone



LDC typ polar

Dimensions & Weight

Length	118.00 mm
Width	118.00 mm
Height	30.00 mm
Product weight	172.00 g



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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	105,0 mm
Mounting width	105,0 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



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

EQUIPMENT / ACCESSORIES

- Surface mounting frames available as accessories

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	Addon Technical Information
	Tender documents
	Tender documents
PDF	Declarations of conformity
PDF	Installation guide
PDF	On-Pack-Info
	IES file (IES)
	LDT file (Eulumdat)
	M3D file (3D Model)
	ULD file (DIALux)
	UGR file (UGR table)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075079267	Shipping box 6	290 mm x 155 mm x 165 mm	1401.00 g	7.42 dm³

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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

- For Guarantee see www.ledvance.com/guarantee

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