

PRODUCT DATASHEET

DL SLIM SQ 105 6 W 4000 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

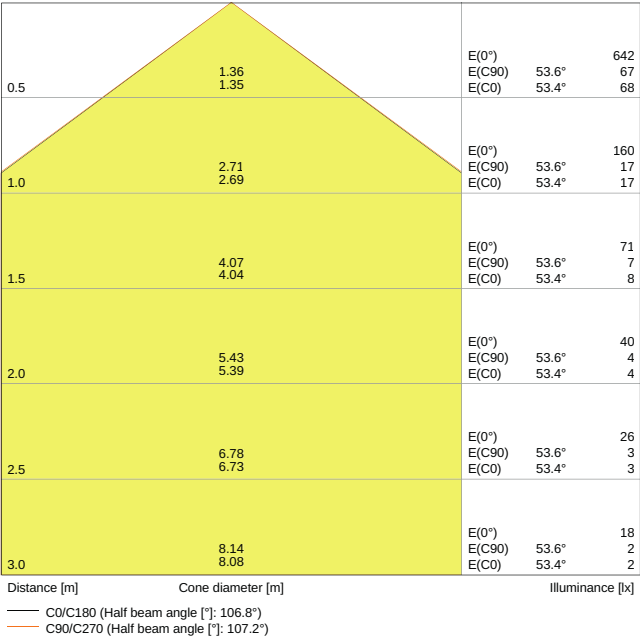
TECHNICAL DATA

Electrical data

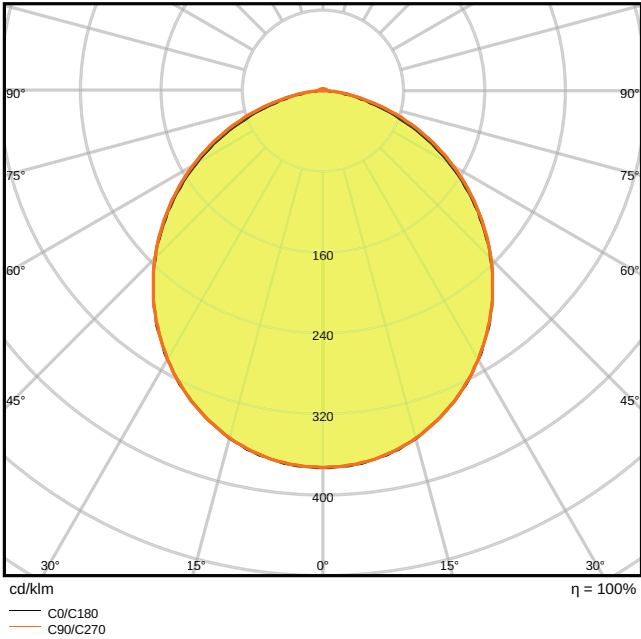
Nominal wattage	6.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	58 mA
Inrush current	6 A
Inrush current time T_{h50}	120 μ s
Max. no. of lum. on circuit break. B16 A	72
Max. no. of lum. on circuit break. C10 A	60
Max. no. of lum. on circuit break. C16 A	96
Power factor λ	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	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcn
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 °



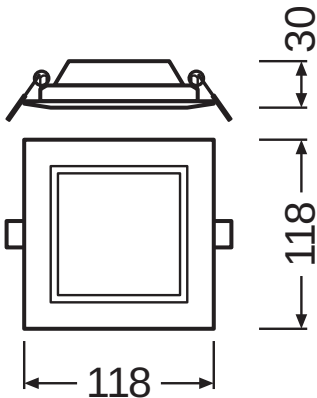
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Dimensions & Weight

Length	118.00 mm
Width	118.00 mm
Height	30.00 mm
Product weight	172.00 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
Mounting length	105,0 mm
Mounting width	105,0 mm
Mounting depth	50,0 mm
LED module replaceable	Not replaceable

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

ECG - Output ripple current	< 6.5 %
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Certificates & Standards

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	
	PRODUCT DATASHEET DOWNLIGHT LED SLIM SQUARE 105 6 W 4000 K WT
	Tender documents Tender Text 4058075079236
	Declarations of conformity CE Certificate downlight Slim
	Installation guide User Instruction Downlight LED Slim
	On-Pack-Info Legal Insert Downlight Slim
	IES file (IES) DL SLIM SQ105 6W 4000K WT IP20
	LDT file (Eulumdat) DL SLIM SQ105 6W 4000K WT IP20
	M3D file (3D Model) DOWNLIGHT LED SLIM SQUARE 105.m3d
	ULD file (DIALux) DOWNLIGHTSLIMSQUARE1056W4000KWT
	UGR file (UGR table) 4058075052482 DL SLIM SQ105 6W 4000K WT IP20

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075079236	Folding box 1	45 mm x 145 mm x 145 mm	206.00 g	0.95 dm ³
4058075079243	Shipping box 6	290 mm x 155 mm x 165 mm	1401.00 g	7.42 dm ³

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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DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.