

PRODUCT DATASHEET DL SLIM SQ 155 12 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	12.00 W
Operating mode	Integrated LED driver
Nominal voltage	220240 V
Power factor λ	0.50
Mains frequency	50/60 Hz
Inrush current	15.6 A
Total harmonic distortion	< 20 %
Inrush current time T _{h50}	50 µs

Luminaire control gear data

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

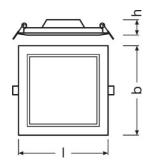
Photometrical data

	Color temperature	4000 K
	Luminous flux	1020 lm
	Luminous efficacy	85 lm/W
-	Standard deviation of color matching	<6 sdcm
-	Light color (designation)	Cool White
	Color rendering index Ra	>80

Light technical data

	Beam angle	120 °
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Dimensions & weight



Length	169.0 mm
Width	169.0 mm
Height	30.0 mm
Product weight	308.00 g
Mounting length	155.0 mm
Mounting width	155.0 mm

Colors & materials

Body material	Polycarbonate (PC)
Product color	White
Housing color	White
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate

Temperatures & operating conditions

Ambient temperature range	-20+50 °C

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

Additional product data

Mounting type	Recessed
Mounting location	Ceiling / Wall

Capabilities

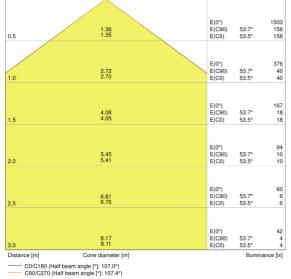
Dimmable	No
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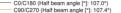
Type of connection	Screwless terminal, 2-Pole
LED module replaceable	Not replaceable

Certificates & standards

Protection class IK (shock resistance)	IK03
Glow Wire Test according to IEC 695-2-1	650 °C
Photobio. safety group acc. to EN62471	RG 0
Protection class	Ш
Type of protection	/
Standards	CE/CB/EAC/RoHS

Light Distribution





320 cd/klm = 100% - C0/C180 - C90/C270

LDC typ cone

LDC typ polar

EQUIPMENT / ACCESSORIES

- Surface mounting frames available as accessories

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075079298	Folding carton box 1	45 mm x 195 mm x 175 mm	359.00 g	1.54 dm³

4058075079304	Shipping carton box	290 mm x 205 mm x 195 mm	2374.00 g	11.59 dm³
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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

DISCLAIMER

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