

PRODUCT DATASHEET DL SLIM DN 210 18 W 6500 K WT

DOWNLIGHT SLIM ROUND | Flat downlights with integrated driver, round 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

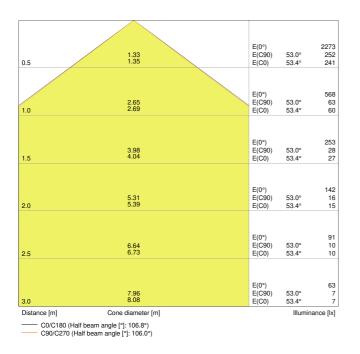
TECHNICAL DATA

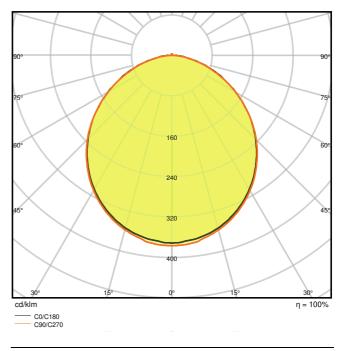
Electrical data

Nominal wattage	18.00 W	
Nominal voltage	220240 V	
Mains frequency	5060 Hz	
Nominal current	108 mA	
Inrush current	17 A	
Inrush current time T _{h50}	56 µs	
Max. no. of lum. on circuit break. B16 A	44	
Max. no. of lum. on circuit break. C10 A	35	
Max. no. of lum. on circuit break. C16 A	56	
Power factor λ	0.50	
Total harmonic distortion	< 20 %	
Protection class	П	
Operating mode	Integrated LED driver	

Photometrical data

Luminous flux	1530 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 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 °	



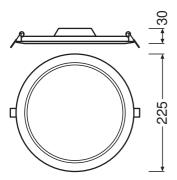


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Dimensions & Weight

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Diameter	225.00 mm
Height	30.00 mm
Product weight	435.00 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 diameter	210,0 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	295 mA
ECG - Output ripple current	< 6.5 %

Certificates & Standards

Standards	CE / CB / EAC
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

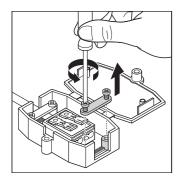
	Documents and certificates
POF	Addon Technical Information
POF	Installation guide
POF	On-Pack-Info
POF	Declarations Of Conformity CE
POF	Declarations Of Conformity UKCA
	Dhahamatais and lighting design files
	Photometric and lighting design files
	IES file (IES)
	LDT file (Eulumdat)
	ULD file (DIALux)
	ROLF file (RELUX)
	LDC typ cone
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	CAD/BIM files
	CAD_STEP_3D
	Tender texts
	Tender documents

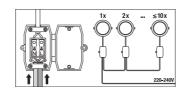
LOGISTICAL DATA

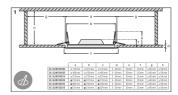
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075079137	Folding box 1	45 mm x 250 mm x 230 mm	518.00 g	2.59 dm ³
4058075079144	Shipping box 6	290 mm x 260 mm x 250 mm	3439.00 g	18.85 dm³

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.

ADDITIONAL CATALOG INFORMATION







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.