

PRODUCT DATASHEET

DOWNLIGHT SLIM SQ 18 W 6500 K BK

SLIM DOWNLIGHT PRETO | Dimmable recessed LED downlight white with anti-glare recess



Areas of application

- Kitchens, living rooms, children's rooms or home offices
- Public buildings
- Shopping malls
- Corridors, stairways, entrance areas
- Indoor or outdoor (only roofed areas)

Product benefits

- Very slim design
- 2 in 1 Design: recessed mounting or surface mounting with add-on kit
- Easy and quick installation
- Instant 100 % light, no warm-up time
- Low energy consumption
- 3 years guarantee

Product features

- Lifetime: up to 20,000 h
- Color temperature: 3,000 K, 4,000 K, 6,500 K
- Type of protection: IP20
- Available in round and square form

TECHNICAL DATA

Electrical data

Nominal wattage	18.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Nominal current	100...55 mA
Power factor λ	> 0.5
Total harmonic distortion	< 20 %

Photometrical data

Luminous flux	1440 lm
Luminous efficacy	70 lm/W
Color temperature	6500 K
Standard deviation of color matching	< 5 sdcm
Flickering metric (Pst LM)	<1
Beam angle	110 °

Dimensions & Weight

Length	225.00 mm
Width	225.00 mm
Product weight	320.00 g

Materials & Colors

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

Application & Mounting

Ambient temperature range	-10...+40 °C
Type of connection	Push terminal
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Recessed
Application environment	Indoor
Replaceable light source	No

Lifespan



Lifespan L70/B50 at 25 °C	20000 h ¹⁾
Number of switching cycles	25000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

Replaceable light source (EPREL)	Not replaceable
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DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LEDVANCE SLIM DL 18W 865 SQ BK
	LDT file (Eulumdat)	Slim Downlight 18W Cool Square Black

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854213977	Folding box 1	262 mm x 34 mm x 252 mm	383.00 g	2.24 dm ³
4099854213984	Shipping box 10	357 mm x 282 mm x 280 mm	4140.00 g	28.19 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.

DISCLAIMER

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