

# PRODUCT DATASHEET

## SMART+ WIFI ORBIS DOWNLIGHT Slim 120mm

SMART RECESS SLIM DOWNLIGHT TW | Smart recess slim downlight with integrated driver TW and dimmable



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### Areas of application

- Indoor applications
- Corridors, entrance areas, stairwells, living rooms, basements
- Bedrooms
- Kitchens

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### Product benefits

- Very slim design
- Ideal when few space in the ceiling

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### Product features

- Integrated driver
- Controllable via LEDVANCE SMART+ WiFi App (with minimum Android™ 4.4 or iOS 10.0)
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Adjustable color temperature via Tunable White: 3,000...6,500 K
- Dimmable
- Network protocol: WiFi
- Housing material: plastic



## TECHNICAL DATA

### Electrical data

Nominal wattage	8.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	80.000 mA
Inrush current	25 A
Inrush current time $T_{h50}$	< 1500 $\mu$ s
Max. no. of lum. on circuit break. B16 A	-
Max. no. of lum. on circuit break. C10 A	-
Max. no. of lum. on circuit break. C16 A	-
Power factor $\lambda$	> 0.5
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	External LED driver

### Photometrical data

Luminous flux	550 lm
Total luminous flux of contained light sources	800 lm
Luminous efficacy	70 lm/W
Color temperature	3000...6500 K
Light color (designation)	Tunable White
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	< 6 sdc <sub>m</sub>
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	110 °

### Dimensions & Weight

Diameter	120.00 mm
Height	24.00 mm
Product weight	107.00 g
Cable length	150 mm



## Materials & Colors

Product color	White
Housing color	White
Body material	Plastic
Cover material	Polystyrene (PS)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

## Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+70 °C
Type of connection	Screw terminal
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	105,0 mm
Mounting depth	35,0 mm
LED module replaceable	Not replaceable

## Lifespan

Lifespan L70/B50 at 25 °C	25000 h
Lifespan L90/B10 at 25 °C	25000 h
Number of switching cycles	15000

## Emergency lighting

Type of emergency operation test	None
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## Certificates & Standards





Standards	RoHS / REACH / CE / ERP / EMC
Luminaire with limited surface temperature, "D sign"	No

**EQUIPMENT / ACCESSORIES**

- Complete mounting and connecting accessories included

**DOWNLOAD DATA**

DOWNLOAD DATA	
	User instruction
	Declarations of conformity

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075573253	Folding box 1	57 mm x 127 mm x 127 mm	235.00 g	0.92 dm <sup>3</sup>
4058075573260	Shipping box 50	266 mm x 138 mm x 200 mm	6347.00 g	7.34 dm <sup>3</sup>
4058075642782	Shipping box 6	266 mm x 138 mm x 200 mm	2298.00 g	7.34 dm <sup>3</sup>
4058075642799	Shipping box 24	550 mm x 294 mm x 217 mm	9374.00 g	35.09 dm <sup>3</sup>

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.