

# PRODUCT DATASHEET

## SMART+ WIFI ORBIS DOWNLIGHT Slim 85mm

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	4.50 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	60.000 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	240 lm
Total luminous flux of contained light sources	480 lm
Luminous efficacy	56 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	85.00 mm
Height	23.00 mm
Product weight	60.00 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	72,0 mm
Mounting depth	35,0 mm
LED module replaceable	Not replaceable

### Lifespan

Lifespan L70/B50 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 / CE / REACH / ERP / EMC
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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
4058075573239	Folding box 1	97 mm x 97 mm x 57 mm	83.00 g	0.54 dm <sup>3</sup>
4058075573246	Shipping box 6	206 mm x 108 mm x 190 mm	888.00 g	4.23 dm <sup>3</sup>
4058075643017	Shipping box 36			

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.