

# PRODUCT DATASHEET

## SMART+ Wifi Orbis Downlight Surface 400mm TW

SMART SURFACE DOWNLIGHT TW | Smart recess surface downlight with integrated driver TW and dimmable



### Areas of application

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

### Product benefits

- Surface downlight

### Product features

- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- 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: metal



## TECHNICAL DATA

### Electrical data

Nominal wattage	22.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Inrush current	≤30 A
Inrush current time $T_{h50}$	1000 μs
Power factor $\lambda$	> 0.70
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	External LED driver

### Photometrical data

Luminous flux	1800 lm
Total luminous flux of contained light sources	2500 lm
Luminous efficacy	81 lm/W
Color temperature	3000...6500 K
Reference control setting of contained light source (Kelvin)	3000 K <sup>1)</sup>
Light color (designation)	Tunable White
Color rendering index Ra	≥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 °

1) Performing a reset will restore the default values set by the manufacturer

### Dimensions & Weight

Diameter	400.00 mm
Height	40.00 mm
Product weight	1270.00 g

SMART WIFI ORBIS DOWNLIGHT

## Materials & Colors

Product color	White
Housing color	White
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	-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	Surface
Mounting location	Ceiling
Application environment	Indoor
With light source	Yes

## Lifespan

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

## Emergency lighting

Integrated test switch	No
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## Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No
Replaceable light source (EPREL)	Not replaceable



## EQUIPMENT / ACCESSORIES

- For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)
- Complete mounting and connecting accessories included

### Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

### DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	SMART+ WIFI ORBIS DOWNLIGHT
 Declarations of conformity	SMART WIFI ORBIS DL SF

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075572935	Folding box 1	48 mm x 440 mm x 444 mm	1448.00 g	9.38 dm <sup>3</sup>
4058075572942	Shipping box 5	459 mm x 268 mm x 472 mm	8084.00 g	58.06 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.

### References / Links

- Further information and frequently asked questions (FAQs) at [www.ledvance.com/consumer/smart/faq](http://www.ledvance.com/consumer/smart/faq)

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