

# PRODUCT DATASHEET

## SMART+ Wifi Orbis Downlight Surface 600mm 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+ 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: metal



## TECHNICAL DATA

### Electrical data

Nominal wattage	30.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Inrush current	< 45 A
Inrush current time $T_{h50}$	1000 $\mu$ s
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	External LED driver

### Photometrical data

Luminous flux	2500 lm
Total luminous flux of contained light sources	3500 lm
Luminous efficacy	83 lm/W
Color temperature	3000...6500 K
Light color (designation)	Tunable White
Color rendering index Ra	$\geq$ 80
Standard deviation of color matching	< 6 sdcM
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	110 °

### Dimensions & Weight

Diameter	600.00 mm
Height	40.00 mm
Product weight	2760.00 g

### 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
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
Integrated test switch	No

### Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No



### Additional product data

Number of illuminants	1
-----------------------	---

### EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction
	Declarations Of Conformity CE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075572959	Folding box 1	675 mm x 48 mm x 679 mm	3210.00 g	22.00 dm <sup>3</sup>
4058075572966	Shipping box 5	694 mm x 267 mm x 705 mm	17535.00 g	130.64 dm <sup>3</sup>
4058075705265	Shipping box 4	659 mm x 232 mm x 674 mm	14325.00 g	103.05 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.

