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+ 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	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 λ	> 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
Light color (designation)	Tunable White
Color rendering index Ra	≥ 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	400.00 mm
Height	40.00 mm
Product weight	1270.00 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

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
PDF	User instruction
PDF	Declarations Of Conformity CE

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 dm³
4058075572942	Shipping box 5	459 mm x 268 mm x 472 mm	8084.00 g	58.06 dm³

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.