PRODUCT DATASHEET
SMART+ Wifi Orbis Downlight Slim 225 TW

Smart+ Recess Slim Downlight Tunable White | Smart recess slim downlight with integrated driver TW and dimmable

Areas of application

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

Product benefits

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

Product features

– Integrated driver
– 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: plastic

TECHNICAL DATA

Electrical data

Nominal wattage	22.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	150.000 mA
Inrush current	25 A
Inrush current time T_{h50}	< 1500 µs
Max. number of luminaires per miniature circuit breaker C10	-
Power factor λ	> 0.70
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	2000 lm
Total luminous flux of contained light sources	2400 lm
Luminous efficacy	90 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	225.00 mm
Height	25.00 mm
Product weight	273.00 g
Cable length	150 mm

DOWNLIGHT SLIM 225MM

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	200 mm
Mounting depth	35,0 mm
With light source	Yes

Lifespan

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

Emergency lighting

Type of emergency operation test	None

Certificates & Standards

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

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.
– The luminaires are not suitable for covering with thermally insulated material.
– Check wall-ceiling for suitability. If uncertain, seek professional advice.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	SMART+ WIFI DOWNLIGHT SLIM
PDF	Legal information	Legal insert Residential luminaires
PDF	Declarations of conformity	SMART WIFI DL SP SLIM
PDF	EU Data Act	SMART WiFi Lamps and Luminaires

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075573277	Folding box 1	42 mm x 234 mm x 237 mm	297.00 g	2.33 dm³
4058075573284	Shipping box 12	482 mm x 268 mm x 260 mm	5107.00 g	33.59 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.

References / Links

– Further information and frequently asked questions (FAQs) at www.ledvance.com/consumer/smart/faq

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Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.