

# PRODUCT DATASHEET

## SMART+ Wifi Orbis Kurt 450mm TW

Kurt | Smart ceiling luminaires with main light and WiFi technology



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### Areas of application

- Kitchens, living rooms, children's rooms or home offices
- Entrance areas

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### Product benefits

- Elegant design
- Easy and quick installation

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### Product features

- Ceiling luminaire with advanced LED technology
- Adjustable color temperature via Tunable White: 2,700...6,500 K
- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- Controllable via voice control available: Google Assistant or Amazon Alexa



## TECHNICAL DATA

### Electrical data

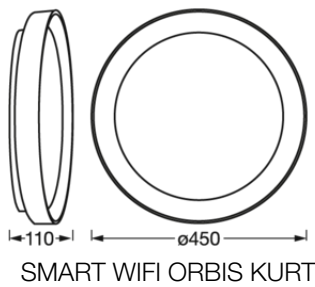
Nominal wattage	30.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	150.000 mA
Inrush current time $T_{h50}$	350 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	5
Max. number of luminaires per miniature circuit breaker C16	8
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	I

### Photometrical data

Luminous flux	1750 lm
Total luminous flux of contained light sources	3550 lm
Luminous efficacy	58 lm/W
Color temperature	2700...6500 K
Light color (designation)	Tunable White
Color rendering index Ra	> 80
Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	360 °

### Dimensions & Weight

Diameter	450.00 mm
Height	110.00 mm
Product weight	2200.00 g



### Materials & Colors

Product color	Black/Gold
Housing color	Black/Gold
Body material	Steel
Glow Wire Test according to IEC 60695-2-12	650 °C

### Application & Mounting

Ambient temperature range	-20...+40 °C
Type of connection	Terminal, 3-Pole (L, N, PE)
Type of protection	IP20
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Surface
Application environment	Indoor
With light source	Yes

### Lifespan

Lifespan L70/B50 at 25 °C	50000 h
Number of switching cycles	25000

### Certificates & Standards

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

### Additional product data

Product remark	Reset settings to default by switching the product on for three seconds and off for three seconds and repeating this five times.
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## 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.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

## DOWNLOAD DATA

	Documents and certificates	Document name
	User instruction / safety instructions	ORBIS
	Extended installation guide	SMART+ WIFI INSTALLATION GUIDE
	Declarations of conformity	SMART WIFI ORBIS
	Declarations of conformity UKCA	SMART WIFI AND SUNATHOME

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075754799	Folding box 1	117 mm x 472 mm x 473 mm	2591.00 g	26.12 dm <sup>3</sup>
4058075754805	Shipping box 4	490 mm x 490 mm x 495 mm	11785.00 g	118.85 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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## DISCLAIMER

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