

# PRODUCT DATASHEET

## SMART+ Wifi Orbis Circle Black 460mm RGB + TW

Smart+ Orbis Ceiling | Smart decorative ceiling with main and side light TW RGB and dimmable



### Areas of application

- Indoor applications
- Kitchens, living rooms, children's rooms or home offices

### Product benefits

- Easy and quick installation
- Tunable White and RGB
- Main light and side light

### 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
- Dimmable
- Network protocol: WiFi
- Adjustable color temperature via Tunable White: 2,700...6,500 K



## TECHNICAL DATA

### Electrical data

Nominal wattage	28.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	127.000 mA
Inrush current	2,8 A
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	External LED driver

### Photometrical data

Luminous flux	750 lm
Total luminous flux of contained light sources	2400 lm
Luminous efficacy	26 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 sdcm
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	460.00 mm
Height	95.00 mm
Product weight	1460.00 g

SMART WIFI ORBIS CIRCLE460  
RGBTW

## Materials & Colors

Product color	Black
Housing color	Black
Body material	Acrylonitrile butadiene styrene (ABS)
Cover material	Polycarbonate (PC)
Mercury content	0.0 mg

## Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+80 °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	30000 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

## Additional product data





Number of illuminants	2
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## 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	SMART WIFI ORBIS CIRCLE460 RGBTW
	Legal information	Legal insert Residential luminaires
	Declarations of conformity	EC declaration_ORBIS RGBTW LUM
	Declarations of conformity UKCA	SMART WIFI ORBIS

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075573833	Folding box 1	540 mm x 116 mm x 540 mm	2220.00 g	33.83 dm <sup>3</sup>
4058075573840	Shipping box 3	557 mm x 366 mm x 557 mm	8051.00 g	113.55 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)

## DISCLAIMER

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