

PRODUCT DATASHEET Orbis Plate 310MM 19W 830 Click DIM Black and Green

Orbis Plate | LED ceiling luminaires with metal ring



Areas of application

– Indoor

- Living areas (living rooms, dining rooms, bedrooms etc.)

Product benefits

- Stylish and modern design
- Easy to install and use
- Long lifetime thanks to LED technology

Product features

- Type of protection: IP20
- Lifetime up to 30,000 h
- Click-DIM version: dimmable in three steps by repeated switching
- Color temperature: 3,000 K (Warm White)
- Metal housing, PMMA cover



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TECHNICAL DATA

Electrical data

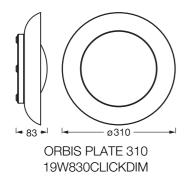
Nominal wattage	19.00 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Nominal current	140.000 mA
Inrush current	0.14 A
Inrush current time T _{h50}	10000 µs
Max. number of luminaires per miniature circuit breaker B16	18
Max. number of luminaires per miniature circuit breaker C10	19
Max. number of luminaires per miniature circuit breaker C16	30
Power factor λ	0.50
Total harmonic distortion	70 %
Protection class	Ш
Operating mode	External LED driver

Photometrical data

Luminous flux	1000 lm	
Total luminous flux of contained light sources	2240 lm	
Luminous efficacy	52 lm/W	
Color temperature	3000 K	
Light color (designation)	Warm White	
Color rendering index Ra	80	
Standard deviation of color matching	< 6 sdcm	
Flickering metric (Pst LM)	≤1.0	
Stroboscope effect metric (SVM)	≤0.4	
Photobiological safety group acc. to EN62778	RG0	
Photobiological safety group acc. to EN62471	RG0	
Beam angle	120 °	

Dimensions & Weight

Diameter	310.00 mm
Height	83.00 mm
Product weight	730.00 g



Materials & Colors

Product color	Black Green	
Housing color	Black Green	
Body material	Steel	
Cover material	Polystyrene (PS)	
Glow Wire Test according to IEC 60695-2-12	650 °C	

Application & Mounting

Ambient temperature range	-20+40 °C	
Temperature range at storage	-20+80 °C	
Type of connection	Terminal, 2-Pole (L, N)	
Type of protection	IP20	
Dimmable	Yes	
Type of dimming	3 DIM	
Mounting type	Surface	
Mounting location	Ceiling	
Application environment	Indoor	
With light source	Yes	
Replaceable light source	No	

Lifespan

Lifespan L70/B50 at 25 °C	30000 h ¹⁾
Number of switching cycles	15000

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

Standards CE / UKCA

Luminaire with limited surface temperature, "D sign"	No
Replaceable light source (EPREL)	Not replaceable

EQUIPMENT / ACCESSORIES

- Mounting screws and dowels included

Safety advice

- Luminaire must be disconnected from mains during installation, maintenance and cover removal
- Check wall-ceiling for suitability. If uncertain, seek professional advice.
- 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.
- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

DOWNLOAD DATA

	Documents and certificates	Document name	
PDF	User instruction / safety instructions	ORBIS PLATE 310 19W 830 CLICKDIM	
PDF	Legal information	Legal insert Residential luminaires	
PDF	Declarations of conformity	CE Declaration Orbis Plate	
POF	Declarations of conformity UKCA	UKCA Declaration Orbis Plate	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854285837	Folding box 1	157 mm x 392 mm x 393 mm	1259.00 g	24.19 dm ³
4099854285844	Shipping box 3	487 mm x 408 mm x 418 mm	5096.00 g	83.05 dm ³

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.

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