

PRODUCT DATASHEET

Orbis Plate 480mm 45W 830 Click DIM Rose

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



TECHNICAL DATA

Electrical data

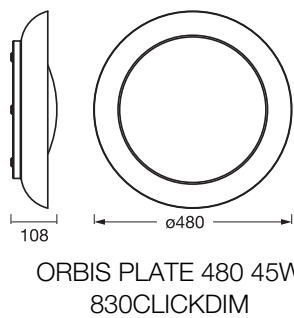
Nominal wattage	45.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	200.000 mA
Inrush current	0.125 A
Max. number of luminaires per miniature circuit breaker C10	57
Power factor λ	0.90
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	2600 lm
Total luminous flux of contained light sources	5600 lm
Luminous efficacy	63 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	80
Standard deviation of color matching	<7 sdcm
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG0

Dimensions & Weight

Diameter	480.00 mm
Height	108.00 mm
Product weight	1780.00 g



Materials & Colors

Product color	Rose
Housing color	Rose
Body material	Steel
Cover material	Polymethylmethacrylate (PMMA)
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...+80 °C
Type of connection	Terminal, 2-Pole (L, N)
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Type of dimming	3 DIM
Mounting type	Surface
Mounting location	Ceiling
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)

Emergency lighting

Type of emergency operation test	None
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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	Available from December 2025
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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
	User instruction / safety instructions	ORBIS PLATE 480 CLICKDIM
	Declarations of conformity	CE Declaration Ceiling Plate
	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
4099854640124	Folding box 1	192 mm x 582 mm x 583 mm	2594.00 g	65.15 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854640131	Shipping box 2	598 mm x 400 mm x 608 mm	6988.00 g	145.43 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.