

# PRODUCT DATASHEET Orbis Plate 430MM 35W 830 Click DIM Black and Orange

# 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



September 04, 2025, 01:46:05 Orbis Plate 430MM 35W 830 Click DIM Black and Orange

## **TECHNICAL DATA**

# Electrical data

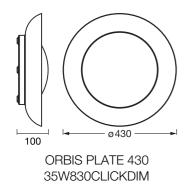
Nominal wattage	35.00 W	
Nominal voltage	220240 V	
Mains frequency	5060 Hz	
Nominal current	160.000 mA	
Inrush current	0.16 A	
Inrush current time T <sub>h50</sub>	10000 μs	
Max. number of luminaires per miniature circuit breaker B16	14	
Max. number of luminaires per miniature circuit breaker C10	14	
Max. number of luminaires per miniature circuit breaker C16	23	
Power factor $\lambda$	0.90	
Total harmonic distortion	12.5 %	
Protection class	Π	
Operating mode	External LED driver	

## Photometrical data

Luminous flux	1700 lm	
Total luminous flux of contained light sources	3960 lm	
Luminous efficacy	48 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	430.00 mm
Height	100.00 mm
Product weight	1385.00 g



#### Materials & Colors

Product color	Black Yellow	
Housing color	Black Yellow	
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 <sup>1)</sup>
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 430 35W 830 CLICKDIM	
POF	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
4099854285912	Folding box 1	187 mm x 512 mm x 513 mm	2093.00 g	49.12 dm <sup>3</sup>
4099854285929	Shipping box 2	528 mm x 390 mm x 538 mm	5709.00 g	110.78 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.

## DISCLAIMER

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