PRODUCT DATASHEET
Orbis Flame 3X5.5W Click CCT IP44 Chrome

Orbis Flame | Wall/ceiling luminiares with two adjustable color temperatures via wall switch and protection class IP44

Areas of application

– Indoor
– Living areas (living rooms, dining rooms, bedrooms etc.)
– Bathrooms (IP44)

Product benefits

– Stylish and modern design
– Easy to install and use
– Highly versatile due to selectable CCT
– Long lifetime thanks to LED technology

Product features

– Type of protection: IP44
– Lifetime up to 30,000 h
– Color temperature: 3,000 K (Warm White) or 4,000 K (Neutral White)
– Click-CCT version: color temperature adjustable in two steps by repeated switching
– Housing material: aluminum
– Glass diffuser

TECHNICAL DATA

Electrical data

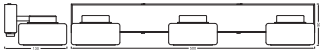|	
Nominal wattage	16.50 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	104.000 mA
Inrush current	0.033 A
Inrush current time T_{h50}	192 µs
Max. number of luminaires per miniature circuit breaker B16	387
Max. number of luminaires per miniature circuit breaker C10	242
Max. number of luminaires per miniature circuit breaker C16	387
Power factor λ	> 0.5
Total harmonic distortion	65 %
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	1050 lm
Total luminous flux of contained light sources	1305 lm
Luminous efficacy	64 lm/W
Color temperature	3000 … 4000 K
Reference control setting of contained light source (Kelvin)	3000 K
Light color (designation)	Warm White / Cool 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	115 °

Dimensions & Weight

Length	500.00 mm
Width	130.00 mm
Height	90.00 mm

Product weight	905.00 g

ORBIS FLAME 3X5.5W CLICKCCT
IP44

Materials & Colors

Product color	Chrome
Housing color	Chrome
Body material	Metal|Glass
Cover material	Polycarbonate (PC)
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	IP44
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Surface
Mounting location	Wall
Application environment	Indoor
With light source	Yes

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.
– 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 FLAME CLICKCCT IP44
PDF	Declarations of conformity	ORBIS FLAME
PDF	Declarations of conformity UKCA	ORBIS FLAME

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854276231	Folding box 1	132 mm x 172 mm x 563 mm	1119.00 g	12.78 dm^3
4099854276248	Shipping box 4	576 mm x 278 mm x 370 mm	5292.00 g	59.25 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.