

PRODUCT DATASHEET

Orbis Tube Bubble Glass 60CM Click CCT DIM IP44 Chrome

Orbis Tube Bubble Glass | Mirror/wall luminaire with two adjustable color temperatures and dimming function



Areas of application

- Indoor
- Bathrooms (IP44)

Product benefits

- 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)
- Stepless dimming via a touch control
- Click-CCT version: color temperature adjustable in two steps by repeated switching
- 2 different lengths available
- Housing material: aluminum
- Polycarbonate (PC) diffuser



TECHNICAL DATA

Electrical data

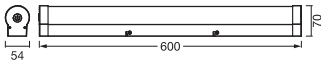
Nominal wattage	12.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	94.000 mA
Inrush current time T_{h50}	200 μ s
Max. number of luminaires per miniature circuit breaker B16	61
Max. number of luminaires per miniature circuit breaker C10	51
Max. number of luminaires per miniature circuit breaker C16	82
Power factor λ	> 0.5
Total harmonic distortion	< 60 %
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	1200 lm
Total luminous flux of contained light sources	1350 lm
Luminous efficacy	100 lm/W
Color temperature	3000 ... 4000 K
Light color (designation)	Warm White / Cool White
Color rendering index Ra	≥ 80
Standard deviation of color matching	6 sdcn
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °

Dimensions & Weight

Length	600.00 mm
Width	70.00 mm
Height	54.00 mm
Product weight	670.00 g



ORBIS TUBE
60CMCLICKCCTDIMIP44

Materials & Colors

Product color	Chrome
Housing color	Chrome
Body material	ABS/Polycarbonate (PC)/Aluminum
Cover material	Polycarbonate (PC)
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	IP44
Dimmable	Yes
Mounting type	Surface
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	10000

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
Ball shot safe	No

Replaceable light source (EPREL)	Not replaceable
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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.
- 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 TUBE
	Legal information	Safety insert G11219301
	Declarations of conformity	ORBIS MIRROR ORBIS TUBE ORBIS DISC
	Declarations of conformity UKCA	ORBIS MIRROR ORBIS TUBE ORBIS DISC

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854450648	Folding box 1	97 mm x 622 mm x 83 mm	900.00 g	5.01 dm ³
4099854450655	Shipping box 4	640 mm x 212 mm x 191 mm	3600.00 g	25.91 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.