

# PRODUCT DATASHEET Orbis Tube Bubble Glass 40CM Click CCT DIM IP44 White

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



**DIM IP44 White** 

# TECHNICAL DATA

# Electrical data

Nominal wattage	9.00 W	
Nominal voltage	220240 V	
Mains frequency	5060 Hz	
Nominal current	70.000 mA	
Inrush current	0.07 A	
Inrush current time T <sub>h50</sub>	192 µs	
Max. number of luminaires per miniature circuit breaker B16	52	
Max. number of luminaires per miniature circuit breaker C10	44	
Max. number of luminaires per miniature circuit breaker C16	71	
Power factor $\lambda$	> 0.5	
Total harmonic distortion	< 150 %	
Protection class	II .	
Operating mode	External LED driver	

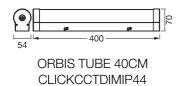
# Photometrical data

Luminous flux	900 lm
Total luminous flux of contained light sources	1000 lm
Luminous efficacy	100 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
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

Length	400.00 mm
Width	70.00 mm
Height	54.00 mm

Product weight	500.00 g
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#### Materials & Colors

Product color	White	
Housing color	White	
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
Mounting location	Wall
Application environment	Indoor
With light source	Yes

## Lifespan

Lifespan L70/B50 at 25 °C	30000 h <sup>1)</sup>
Number of switching cycles	10000

<sup>1)</sup> 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		
POF	Legal information	Legal insert Residential luminaires	
POF	Declarations of conformity	ORBIS MIRROR ORBIS TUBE ORBIS DISC	
PDF	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
4099854279430	Folding box 1	97 mm x 422 mm x 83 mm	588.00 g	3.40 dm <sup>3</sup>
4099854279447	Shipping box 4	440 mm x 212 mm x 191 mm	2767.00 g	17.82 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.