PRODUCT DATASHEET
ORBIS Disc Bar Bathroom Mirror 400mm Black Click-CCT IP44

Orbis Disc Bar Bathroom Mirror | Luminaire with two selectable color temperatures via wall switch



Areas of application

- Indoor applications
- Bathrooms (IP44)

Product benefits

- Mirror and wall application
- Can be placed in a wet room (zone 2 and 3)
- The light color can be selected between two color temperatures

Product features

- Type of protection: IP44
- Color temperature selectable via wall switch (3000 K, 4000 K)

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TECHNICAL DATA

Electrical data

Nominal wattage	7.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	46.000 mA
Inrush current	3.24 A
Inrush current time T_{h50}	107 µs
Max. number of luminaires per miniature circuit breaker B16	206
Power factor λ	≥0.5
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	300 lm
Total luminous flux of contained light sources	720 lm
Luminous efficacy	45 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
Beam angle	110 °

Dimensions & Weight

Length	400.00 mm
Width	120.00 mm
Height	70.00 mm
Product weight	350.00 g

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ORBIS DISC BAR 40CM CLICKCCT IP44

Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum
Cover material	Polyacrylate (PAK)
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	Screw terminal
Type of protection	IP44
Protection class IK (shock resistance)	IK08
Dimmable	No
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	30000

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

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Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	ORBIS DISC BAR 40 CLICK CCT
PDF	Legal information	Legal insert LINEAR COMPACT AND ORBIS DISC
PDF	Declarations of conformity	CE Declaration Orbis Disk
PDF	Declarations of conformity UKCA	ORBIS DISC BAR CLICK CCT

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854096075	Folding box 1	88 mm x 142 mm x 433 mm	523.00 g	5.41 dm^3
4099854096082	Shipping box 6	298 mm x 276 mm x 455 mm	3730.00 g	37.42 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.

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