PRODUCT DATASHEET
Orbis Cristally 430mm 50W CCT White

Orbis Cristally | LED ceiling lamp with crystal effect

Areas of application

- Indoor
- Living areas (living rooms, dining rooms, bedrooms etc.)

Product benefits

- Color temperature adjustment for different application needs

Product features

- Color temperature slider (CTS): 2700 K, 4000 K, 6000 K

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TECHNICAL DATA

Electrical data

Nominal wattage	50.00 W
Nominal voltage	220…240 V
Mains frequency	50/60 Hz
Nominal current	215.000 mA
Inrush current	8 A
Inrush current time T_{h50}	100 µs
Max. number of luminaires per miniature circuit breaker B16	48
Max. number of luminaires per miniature circuit breaker C10	27
Max. number of luminaires per miniature circuit breaker C16	44
Power factor λ	> 0.9
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	3300 lm
Total luminous flux of contained light sources	6200 lm
Luminous efficacy	66 lm/W
Color temperature	2700 K / 4000 K / 6000 K
Reference control setting of contained light source (Kelvin)	2700 K
Light color (designation)	Warm White / Cool White / Cool Daylight
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	RG1
Beam angle	200 °

Dimensions & Weight

Diameter	430.00 mm
Height	70.00 mm
Product weight	2400.00 g

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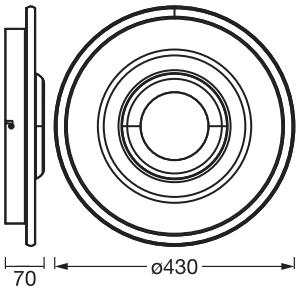

ORBIS CRISTALLY 430MM 50W CCT WT

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum|Steel
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	IP20
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling
With light source	Yes
Replaceable light source	No

Lifespan

Number of switching cycles	12500

Emergency lighting

Type of emergency operation test	None

Certificates & Standards

Standards	CE / UKCA

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Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854659331	Folding box 1	97 mm x 482 mm x 483 mm	3184.00 g	22.58 dm^3
4099854659348	Shipping box 2	500 mm x 210 mm x 510 mm	7137.00 g	53.55 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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