PRODUCT DATASHEET
Orbis Spiral Loop Round 505mm 42W White

Orbis Spiral Main and Side Light | LED ceiling luminaires with metal and elegant design



Areas of application

- Indoor applications
- Kitchens, living rooms, children's rooms or home offices

Product benefits

- Very homogenous light
- Elegant design

Product features

- Decorative domestic lighting
- Ceiling luminaire with advanced LED technology

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TECHNICAL DATA

Electrical data

Nominal wattage	42.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	177.000 mA
Max. number of luminaires per miniature circuit breaker B16	72
Max. number of luminaires per miniature circuit breaker C16	72
Power factor λ	≥0.90
Maximum total harmonic distortion	< 20 %
Protection class	II
Operating mode	Electronic control gear (ECG)

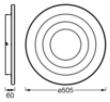
Photometrical data

Luminous flux	2400 lm
Total luminous flux of contained light sources	4900 lm
Luminous efficacy	57 lm/W
Color temperature	3000 K
Light color (designation)	Warm 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

Dimensions & Weight

Diameter	505.00 mm
Height	60.00 mm
Product weight	4295.00 g

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ORBIS SPIRAL PULSE
CL505MM42W830WT

Materials & Colors

Product color	White
Housing color	White
Body material	Steel
Cover material	Silicone
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, 2-Pole (L,N)
Type of protection	IP20
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	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

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Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	UI ORBIS SPIRAL LOOP
PDF	Declarations of conformity	CE Declaration Orbis Spiral
PDF	Declarations of conformity UKCA	UKCA Declaration Orbis Spiral

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854093333	Folding box 1	76 mm x 560 mm x 560 mm	4695.00 g	23.83 dm^3
4099854093340	Shipping box 2	580 mm x 170 mm x 585 mm	10313.00 g	57.68 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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