

PRODUCT DATASHEET

Orbis Spiral Layer Square 26W White

ORBIS SPIRAL LAYERS | 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



TECHNICAL DATA

Electrical data

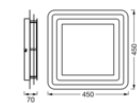
Nominal wattage	26.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	147.000 mA
Max. number of luminaires per miniature circuit breaker B16	87
Max. number of luminaires per miniature circuit breaker C16	87
Power factor λ	≥ 0.90
Total harmonic distortion	$< 70 \%$
Protection class	I
Operating mode	Electronic control gear (ECG)

Photometrical data

Luminous flux	1750 lm
Total luminous flux of contained light sources	2650 lm
Luminous efficacy	67 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 6 sdc _{cm}
Flickering metric (Pst LM)	≤ 1
Stroboscope effect metric (SVM)	≤ 0.4
Photobiological safety group acc. to EN62778	RG0

Dimensions & Weight

Length	450.00 mm
Width	450.00 mm
Height	70.00 mm
Product weight	2860.00 g



ORBIS SPIRAL
LAYERCL45X45CM26W830WT

Materials & Colors

Product color	White
Housing color	White
Body material	Steel
Cover material	Polycarbonate (PC)
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, 3-Pole (L, N, PE)
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

Additional product data




Number of illuminants	empty
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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
	User instruction / safety instructions	UI ORBIS SPIRAL LAYER CL
	Declarations of conformity	CE Declaration Orbis Spiral
	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
4099854093319	Folding box 1	100 mm x 500 mm x 500 mm	3232.00 g	25.00 dm ³
4099854093326	Shipping box 2	520 mm x 216 mm x 525 mm	7321.00 g	58.97 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.