

# PRODUCT DATASHEET

## Orbis Spiral Layer Round 38W White

ORBIS SPIRAL LAYERS | LED ceiling luminaires with metal and elegant design



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### Areas of application

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

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### Product benefits

- Very homogenous light
- Elegant design

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### Product features

- Decorative domestic lighting
- Ceiling luminaire with advanced LED technology



## TECHNICAL DATA

### Electrical data

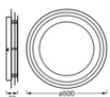
Nominal wattage	38.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	163.000 mA
Max. number of luminaires per miniature circuit breaker B16	78
Max. number of luminaires per miniature circuit breaker C16	78
Power factor $\lambda$	$\geq 0.90$
Total harmonic distortion	$< 70\%$
Protection class	I
Operating mode	Electronic control gear (ECG)

### Photometrical data

Luminous flux	2140 lm
Total luminous flux of contained light sources	3980 lm
Luminous efficacy	56 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	$> 80$
Standard deviation of color matching	$\leq 6$ sdc
Flickering metric (Pst LM)	$\leq 1$
Stroboscope effect metric (SVM)	$\leq 0.4$
Photobiological safety group acc. to EN62778	RG0

### Dimensions & Weight

Diameter	500.00 mm
Height	70.00 mm
Product weight	2960.00 g



ORBIS SPIRAL LAYER CL  
500MM38W830WT

## 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

## Lifespan

Lifespan L70/B50 at 25 °C	30000 h <sup>1)</sup>
Number of switching cycles	15000

<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

## 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
4099854093296	Folding box 1	100 mm x 560 mm x 560 mm	3405.00 g	31.36 dm <sup>3</sup>
4099854093302	Shipping box 2	580 mm x 216 mm x 585 mm	7815.00 g	73.29 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.