

PRODUCT DATASHEET

Orbis Spiral Round 505mm 42W White

ORBIS SPIRAL ROUND | 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

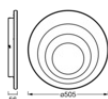
Nominal wattage	42.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	172.000 mA
Max. number of luminaires per miniature circuit breaker B16	74
Max. number of luminaires per miniature circuit breaker C16	74
Power factor λ	≥ 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Electronic control gear (ECG)

Photometrical data

Luminous flux	2300 lm
Total luminous flux of contained light sources	4990 lm
Luminous efficacy	55 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 6 sdcn
Flickering metric (Pst LM)	≤ 1
Stroboscope effect metric (SVM)	≤ 0.4
Photobiological safety group acc. to EN62778	RG0

Dimensions & Weight

Diameter	506.00 mm
Height	56.00 mm
Product weight	4180.00 g



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
LED module replaceable	Not replaceable
With light source	Yes

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

Additional product data

Product remark	Available from July 2023
Number of illuminants	1

DOWNLOAD DATA

Documents and certificates



User instruction

Documents and certificates

Declarations Of Conformity CE



Declarations Of Conformity UKCA

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854093371	Folding box 1	76 mm x 560 mm x 560 mm	4595.00 g	23.83 dm ³
4099854093388	Shipping box 2	580 mm x 170 mm x 585 mm	10083.00 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.