

PRODUCT DATASHEET Orbis London 480 mm 36W 830 WT

ORBIS LONDON | LED ceiling luminaires with plastic ring



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	36.00 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Nominal current	160.000 mA
Max. number of luminaires per miniature circuit breaker B16	50
Max. number of luminaires per miniature circuit breaker C16	66
Power factor λ	> 0.5
Total harmonic distortion	< 13 %
Protection class	I
Operating mode	Electronic control gear (ECG)

Photometrical data

Luminous flux	2500 lm	
Total luminous flux of contained light sources	4700 lm	
Luminous efficacy	69 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	
Photobiological safety group acc. to EN62471	RG0	
Beam angle	120 °	

Dimensions & Weight

Diameter	480.00 mm
Height	95.00 mm
Product weight	1270.00 g



Materials & Colors

Product color	White
Housing color	White
Body material	Metal
Cover material	Plastic
Glow Wire Test according to IEC 60695-2-12	650 °C

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	50000 h ¹⁾
Number of switching cycles	25000

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	
POF	User instruction / safety instructions	ORBIS	
POF	Legal information	Legal Insert	
POF	Declarations of conformity	ORBIS LONDON DUBLIN BERLIN	
POF	Declarations of conformity UKCA	ORBIS LONDON DUBLIN BERLIN	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075829220	Folding box 1	100 mm x 500 mm x 500 mm	1709.00 g	25.00 dm ³
4058075829237	Shipping box	520 mm x 420 mm x 520 mm	8223.00 g	113.57 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.