PRODUCT DATASHEET
Orbis London 280 mm 16W 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

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TECHNICAL DATA

Electrical data

Nominal wattage	16.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	125.000 mA
Max. number of luminaires per miniature circuit breaker B16	68
Max. number of luminaires per miniature circuit breaker C16	92
Power factor λ	> 0.5
Maximum total harmonic distortion	< 110 %
Protection class	I
Operating mode	Electronic control gear (ECG)

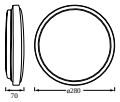
Photometrical data

Luminous flux	1050 lm
Total luminous flux of contained light sources	2000 lm
Luminous efficacy	65 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	280.00 mm
Height	70.00 mm
Product weight	400.00 g

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ORBIS LONDON 280MM
16W 830 WT

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
Replaceable light source	No

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

Safety advice

– All electrical connections must be made by a qualified person.

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- 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	ORBIS
PDF	Legal information	Legal Insert
PDF	Declarations of conformity	ORBIS LONDON DUBLIN BERLIN
PDF	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
4058075829183	Folding box 1	75 mm x 300 mm x 300 mm	569.00 g	6.75 dm^3
4058075829190	Shipping box 6	470 mm x 320 mm x 320 mm	4196.00 g	48.13 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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