

PRODUCT DATASHEET

Orbis Iris 2 Layer 215mm 24W 830 White

Orbis Iris 2 Layer | LED ceiling luminaires with plastic ring



Areas of application

- Living areas (living rooms, dining rooms, bedrooms etc.)

Product benefits

- Long lifetime thanks to LED technology
- Excellent price/performance ratio

Product features

- Ceiling luminaire with advanced LED technology
- Color temperature: 3,000 K
- Lifetime up to 30,000 h
- Modern design



TECHNICAL DATA

Electrical data

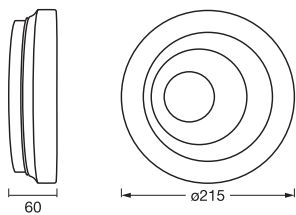
Nominal wattage	24.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	220.000 mA
Max. number of luminaires per miniature circuit breaker B16	43
Max. number of luminaires per miniature circuit breaker C10	45
Max. number of luminaires per miniature circuit breaker C16	72
Power factor λ	> 0.5
Total harmonic distortion	68.9 %
Protection class	I
Operating mode	Mains voltage

Photometrical data

Luminous flux	1000 lm
Total luminous flux of contained light sources	2600
Luminous efficacy	42 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	≤6 sdc _m
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG0

Dimensions & Weight

Diameter	215.00 mm
Height	60.00 mm
Product weight	250.00 g



ORBIS IRIS 2LAYER 215MM 24W
830 WT

Materials & Colors

Product color	White
Housing color	White
Body material	Steel
Cover material	Polymethylmethacrylate (PMMA)
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
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Surface
Mounting length	215 mm
Mounting diameter	215 mm
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h ¹⁾
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¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Emergency lighting

Type of emergency operation test	None
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Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

EQUIPMENT / ACCESSORIES

- Mounting screws and dowels included

Safety advice

- Luminaire must be disconnected from mains during installation, maintenance and cover removal
- Check wall-ceiling for suitability. If uncertain, seek professional advice.
- Caution, risk of electric shock.
- All electrical connections must be made by a qualified person.
- 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.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	Orbis Iris Layers White
	Legal information	Legal insert G11222437
	Legal information	Safety insert G11219601
	Declarations of conformity	CE Declaration Orbis Iris
	Declarations of conformity UKCA	UKCA Declaration Orbis Iris

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854598272	Folding box 1	68 mm x 238 mm x 238 mm	393.00 g	3.85 dm ³
4099854598289	Shipping box 8	540 mm x 255 mm x 255 mm	3804.00 g	35.11 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.