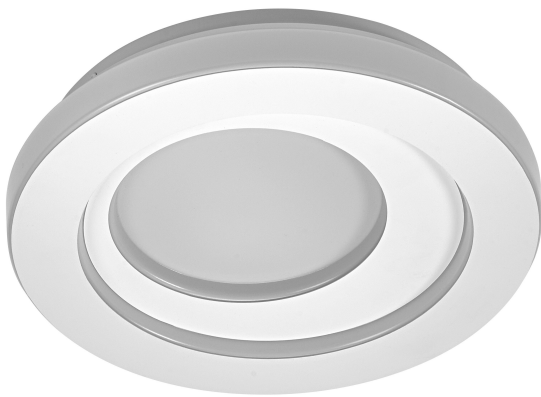# PRODUCT DATASHEET
Orbis Iris 2 Layer 290mm 36W 830 White

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
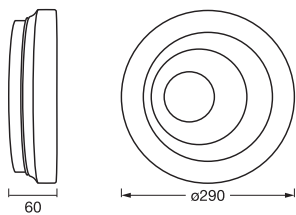
TECHNICAL DATA

Electrical data

Nominal wattage	36.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	180.000 mA
Max. number of luminaires per miniature circuit breaker B16	53
Max. number of luminaires per miniature circuit breaker C10	55
Max. number of luminaires per miniature circuit breaker C16	88
Power factor λ	> 0.90
Total harmonic distortion	68.9 %
Protection class	I
Operating mode	Mains voltage

Photometrical data

Luminous flux	2600 lm
Total luminous flux of contained light sources	4000
Luminous efficacy	44 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

Dimensions & Weight

Diameter	290.00 mm
Height	60.00 mm
Product weight	450.00 g

ORBIS IRIS 2LAYER 290MM 36W
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	290 mm
Mounting diameter	290 mm
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h [1]

[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

Certificates & Standards

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

Additional product data

Product remark	Available from September 2025

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
PDF	User instruction / safety instructions	Orbis Iris Layers White

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854598296	Folding box 1	68 mm x 313 mm x 313 mm	603.00 g	6.66 dm³
4099854598302	Shipping box 6	410 mm x 330 mm x 330 mm	4118.00 g	44.65 dm³

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.