

PRODUCT DATASHEET

Orbis Layers 490x360mm 50W Tunable White DIM Remote White

Orbis Layers | LED ceiling lamp with multiple metal layers



Areas of application

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

Product benefits

- Color temperature adjustment for different application needs
- Set light output from 0-100% for personal comfort

Product features

- Dimmable
- White adjustment (CCT) from 2700 K...6000 K via remote control



TECHNICAL DATA

Electrical data

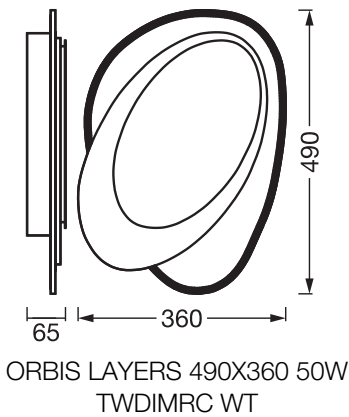
Nominal wattage	50.00 W
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Nominal current	220.000 mA
Inrush current	7.8 A
Inrush current time T_{h50}	100 μ s
Max. number of luminaires per miniature circuit breaker B16	49
Max. number of luminaires per miniature circuit breaker C10	29
Max. number of luminaires per miniature circuit breaker C16	45
Power factor λ	> 0.9
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	2700 lm
Total luminous flux of contained light sources	5800 lm
Luminous efficacy	54 lm/W
Color temperature	2600...6000 K
Reference control setting of contained light source (Kelvin)	2700 K
Light color (designation)	Tunable 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	RG1
Beam angle	284.00 °

Dimensions & Weight

Length	490.00 mm
Width	360.00 mm
Height	65.00 mm
Product weight	3770.00 g



Materials & Colors

Product color	White
Housing color	White
Body material	Steel
Cover material	Polystyrene (PS)
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	Terminal, 2-Pole (L, N)
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Mounting type	Surface
Mounting location	Ceiling
With light source	Yes
Replaceable light source	No

Lifespan

Number of switching cycles	12500
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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

- Batteries required for remote control: 2xAAA (not 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.
- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	ORBIS

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854659317	Folding box 1	97 mm x 542 mm x 413 mm	4152.00 g	21.71 dm ³
4099854659324	Shipping box 2	560 mm x 430 mm x 220 mm	9291.00 g	52.98 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.