

# PRODUCT DATASHEET Orbis Waves 400x400mm 30W Tunable White DIM Remote White

Orbis Waves | LED ceiling lamp with multiple light 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

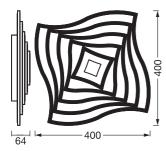
Nominal wattage	30.00 W
Nominal voltage	220240 V
Mains frequency	50/60 Hz
Nominal current	140.000 mA
Inrush current	4.5 A
Inrush current time T <sub>h50</sub>	100 μs
Max. number of luminaires per miniature circuit breaker B16	76
Max. number of luminaires per miniature circuit breaker C10	44
Max. number of luminaires per miniature circuit breaker C16	71
Power factor $\lambda$	> 0.9
Total harmonic distortion	< 20 %
Protection class	II II
Operating mode	Mains voltage

## Photometrical data

Luminous flux	2500 lm	
Total luminous flux of contained light sources	4000 lm	
Luminous efficacy	80 lm/W	
Color temperature	26006000 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 sdcm	
Flickering metric (Pst LM)	<1	
Stroboscope effect metric (SVM)	<0.4	
Photobiological safety group acc. to EN62778	RG1	
Beam angle	200 °	

# Dimensions & Weight

Length	400.00 mm
Width	400.00 mm
Height	64.00 mm
Product weight	3160.00 g



ORBIS WAVES 400X400 30W TW DIMRC WT

## 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

# **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
PDF	User instruction / safety instructions	ORBIS

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854659270	Folding box 1	97 mm x 452 mm x 453 mm	4010.00 g	19.86 dm³
4099854659287	Shipping box 2	470 mm x 470 mm x 220 mm	9014.00 g	48.60 dm <sup>3</sup>

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.