

# PRODUCT DATASHEET

## Orbis Diamy 500mm 50W Tunable White Remote White

Orbis Diamy | LED ceiling lamp with starry effect



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### Areas of application

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

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### Product benefits

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

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### Product features

- Dimmable
- White adjustment (CCT) from 2700 K...6500 K via remote control



## TECHNICAL DATA

### Electrical data

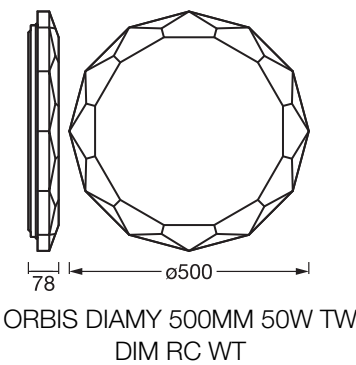
Nominal wattage	50.00 W
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Nominal current	240.000 mA
Inrush current	8.3 A
Inrush current time $T_{h50}$	100 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	44
Max. number of luminaires per miniature circuit breaker C10	26
Max. number of luminaires per miniature circuit breaker C16	41
Power factor $\lambda$	> 0.9
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Mains voltage

### Photometrical data

Luminous flux	4000 lm
Total luminous flux of contained light sources	6000 lm
Luminous efficacy	46 lm/W
Color temperature	2700...6500 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	120 °

### Dimensions & Weight

Diameter	500.00 mm
Height	78.00 mm
Product weight	940.00 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, 3-Pole (L, N, PE)
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.
- 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 DIAMY

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854659089	Folding box 1	122 mm x 552 mm x 553 mm	1474.00 g	37.24 dm <sup>3</sup>
4099854659096	Shipping box 4	568 mm x 502 mm x 578 mm	7725.00 g	164.81 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.