PRODUCT DATASHEET
SUN@HOME Orbis Plate

Sun@Home ceiling luminaires | Ceiling Lights with Human Centric Lighting Technology



Areas of application

- Indoor applications
- Kitchens, living rooms, children's rooms or home offices

Product benefits

- Enable increased concentration and efficiency
- Improve overall activity level and daytime alertness
- Improve sleeping rhythm and –intensity
- Improve optic convenience
- Enables an improved level of clean-air-safety by killing residential germs and bad odors
- Homogenous light distribution
- Easy and quick installation

Product features

- Adjustable color temperature via Tunable White: 2,200...5,000 K
- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Dimmable
- Innovative Fullspectrum SunLike LEDs with CRI95
- SunLike LEDs with reduced Blue Light in LED Spectrum



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- Innovative luminaire coating-technology fighting household germs and odors
- Automated biorhythm feature

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TECHNICAL DATA

Electrical data

Nominal wattage	26.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Inrush current	6.32 A
Power factor λ	> 0.90
Protection class	I
Operating mode	Mains voltage

Photometrical data

Luminous flux	900 lm
Total luminous flux of contained light sources	2100 lm
Luminous efficacy	60 lm/W
Color temperature	2200…5000 K
Reference control setting of contained light source (Kelvin)	2700 K
Light color (designation)	Tunable White
Color rendering index Ra	> 95
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	≤ 1 %
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	110 °

Dimensions & Weight

Diameter	430 mm
Width	430.00 mm
Height	70.00 mm
Product weight	1160.00 g

Materials & Colors

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Product color	White
Housing color	White
Body material	Polymethylmethacrylate (PMMA)
Cover material	Polycarbonate (PC)
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20…+40 °C
Temperature range at storage	-20…+80 °C
Type of connection	Terminal
Type of protection	IP20
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Surface
Mounting location	Ceiling
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	30000 h
Number of switching cycles	15000

Emergency lighting

Type of emergency operation test	None
Integrated test switch	No

Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No

EQUIPMENT / ACCESSORIES

- Control via app or voice control requires compatible Smart home system
- For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)
- Complete mounting and connecting accessories included

DOWNLOAD DATA

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	Documents and certificates
PDF	User instruction
PDF	Packaging insert
PDF	Declarations Of Conformity CE
PDF	Declarations Of Conformity UKCA

	CAD/BIM files
	BIM_Step_3D

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075575950	Folding box 1	84 mm x 452 mm x 454 mm	1467.00 g	17.24 dm^3
4058075575967	Shipping box 3	474 mm x 265 mm x 477 mm	5214.00 g	59.92 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.

References / Links

- Further information and frequently asked questions (FAQs) at www.ledvance.com/consumer/smart/faq

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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