

PRODUCT DATASHEET

Sun@Home Moodlight Glass 200mm Tunable White

Sun@Home Moodlight | Mood Lighting 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
- Homogenous light distribution
- Easy and quick installation

Product features

- High-quality glass housing
- 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
- Automated biorhythm feature

TECHNICAL DATA

Electrical data

Nominal wattage	8.50 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	55.000 mA
Inrush current	3 A
Inrush current time T_{h50}	100 μ s
Max. number of luminaires per miniature circuit breaker B16	11
Max. number of luminaires per miniature circuit breaker C10	12
Max. number of luminaires per miniature circuit breaker C16	19
Power factor λ	> 0.5
Total harmonic distortion	< 70 %
Protection class	II
Operating mode	Electronic control gear (ECG)

Photometrical data

Luminous flux	330 lm
Total luminous flux of contained light sources	500 lm
Luminous efficacy	39 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 sdc _m
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	180 °

Dimensions & Weight

Diameter	200.00 mm
Height	210.00 mm
Product weight	600.00 g

Cable length	1,5 m
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SUNATHOME MOODLIGHT GLASS
200MM TW

Materials & Colors

Product color	White
Housing color	White
Body material	Steel glass
Cover material	Glass
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	Plug type C (EU)
Type of protection	IP20
Dimmable	Yes
Mounting type	Standing
Application environment	Indoor
Adjustable	No
With light source	Yes

Lifespan

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

Certificates & Standards

Standards	CE
Replaceable light source (EPREL)	Not replaceable

Additional product data

Product remark	Reset settings to default by switching the product on for three seconds and off for three seconds and repeating this five times.
Number of illuminants	empty

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

Safety advice

- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.

DOWNLOAD DATA

	Documents and certificates	Document name
	User instruction / safety instructions	UI SUN@HOME MOODLIGHT GLASS
	User instruction / safety instructions	SUNATHOME MOODLIGHT GLASS 200MM TW
	Legal information	Legal Insert SUNATHOME AND SMART WIFI
	Declarations of conformity	CE Declaration Sunathome Moodlight
	EU Data Act	SMART WIFI Lamps and Luminaires

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854090240	Folding box 1	215 mm x 215 mm x 235 mm	932.00 g	10.86 dm³
4099854090257	Shipping box 4	450 mm x 450 mm x 265 mm	4739.00 g	53.66 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.

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.