

PRODUCT DATASHEET

SUN@Home Moodlight

Sun@Home Mood | 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
- 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



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

TECHNICAL DATA

Electrical data

Nominal wattage	4.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	28.000 mA
Max. number of luminaires per miniature circuit breaker C10	-
Power factor λ	≥ 0.5
Total harmonic distortion	≤ 70 %
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	200 lm
Total luminous flux of contained light sources	260 lm
Luminous efficacy	50 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	110 °

Dimensions & Weight

Diameter	200.00 mm
Width	200.00 mm
Height	195.00 mm
Product weight	430.00 g
Cable length	1800 mm

HCL SMART Moodlight TW

Materials & Colors

Product color	White
Housing color	White
Body material	Plastic
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	Plug type C (EU)
Type of protection	IP20
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Standing
Mounting location	All surfaces
Application environment	Indoor
Adjustable	No
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

Luminous flux in maintained operation mode	-
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Certificates & Standards

Standards	CE
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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.
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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

Documents and certificates		Document name
	User Instruction	SUN@HOME MOODLIGHT
	Legal information	SUN@HOME
	Legal information	Legal Insert SUNATHOME AND SMART WIFI
	Declarations of conformity	SUN@HOME SMART+ Moodlight WIFI TW
CAD/BIM files		Document name
	BIM_Step_3D	Sun@Home Moodlight

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075576094	Folding box 1	204 mm x 204 mm x 228 mm	598.00 g	9.49 dm ³
4058075576100	Shipping box 4	422 mm x 422 mm x 260 mm	3297.00 g	46.30 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.