PRODUCT DATASHEET
SUN@Home Flex 3M

Sun@Home FLEX 3M | 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	13.50 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	72.000 mA
Power factor λ	> 0.5
Total harmonic distortion	≤ 70 %
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	850 lm
Total luminous flux of contained light sources	1140 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
Stroboscope effect metric (SVM)	≤0.4
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °

Dimensions & Weight

Length	3000.00 mm
Width	10.00 mm
Height	2.80 mm
Product weight	138.5 g

HCL SMART FLEX 3M TW

Materials & Colors

Product color	White
Housing color	White
Body material	Silicone
Cover material	Silicone
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
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Surface
Mounting location	All surfaces
Application environment	Indoor

Lifespan

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

Emergency lighting

Luminous flux in maintained operation mode	-

Certificates & Standards

Standards	CE
Replaceable light source (EPREL)	Not replaceable

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
PDF	User instruction / safety instructions	SUN@HOME FLEX
PDF	User instruction / safety instructions	SUNATHOME FLEX 3M TW
PDF	Legal information	SUN@HOME
PDF	Legal information	SUN@HOME
PDF	Legal information	Legal Insert SUNATHOME AND SMART WIFI
PDF	Declarations of conformity	SUN@HOME SMART+ WIFI NEON FLEX 3M WIFI TW IP44
PDF	EU Data Act	SMART WiFi Lamps and Luminaires

	CAD/BIM files	Document name
STEP	BIM Step 3D	Sun@Home Flex 3M

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075576117	Folding box 1	62 mm x 107 mm x 113 mm	159.00 g	0.75 dm^3
4058075576124	Shipping box 4	264 mm x 129 mm x 143 mm	778.00 g	4.87 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

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DISCLAIMER

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