LEDVANCE

PRODUCT DATASHEET
SUN@Home Downlight Slim 85mm

Sun@Home Downlights | Downlight 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+ WiFi App (with minimum Android™ 4.4 or iOS 10.0)
− 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	4.50 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	60.000 mA
Inrush current	30 A
Max. no. of lum. on circuit break. B16 A	11
Max. no. of lum. on circuit break. C10 A	10
Max. no. of lum. on circuit break. C16 A	26
Power factor λ	> 0.4
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	170 lm
Total luminous flux of contained light sources	400 lm
Luminous efficacy	37 lm/W
Color temperature	2200...5000 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	85.00 mm
Width	85.00 mm
Height	37.00 mm
Product weight	60.00 g

Materials & Colors

Product color	White
Housing color	White
Body material	Plastic
Cover material	Polystyrene (PS)
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+60 °C
Type of connection	Terminal
Type of protection	IP20
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	72,0 mm
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	25000 h
Number of switching cycles	15000

Emergency lighting

Luminous flux in maintained operation mode	-

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 + WiFi App, a smart phone or Tablet PC is required
– Complete mounting and connecting accessories included

DOWNLOAD DATA

	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
4058075627000	Folding box 1	97 mm x 97 mm x 58 mm	91.00 g	0.55 dm³
4058075627017	Shipping box 6	202 mm x 104 mm x 186 mm	641.00 g	3.91 dm³
4058075657083	Shipping box 36	422 mm x 335 mm x 209 mm	4492.00 g	29.55 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.

DISCLAIMER

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