

PRODUCT DATASHEET

SMART+ Wifi Undercabinet 45.7x6.5 TW

SMART+ UNDERCABINET TUNABLE WHITE | Undercabinet luminaire with WIFI technology

Areas of application

- Indoor applications
- Shelf and undercabinet lighting
- Kitchens, workspaces
- Shelves



Product benefits

- Wireless control via app or voice control
- Very slim design
- Homogenous light distribution
- Easy and fast mounting on nearly every surface (adhesive tape or screws)

Product features

- Variety of combinations possible
- Provides functional or mood lighting
- Adjustable color temperature via Tunable White: 2,700...6,500 K
- Dimmable
- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Network protocol: WiFi



TECHNICAL DATA

Electrical data

Nominal wattage	7.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	50.000 mA
Inrush current	38 A
Max. number of luminaires per miniature circuit breaker B16	155
Max. number of luminaires per miniature circuit breaker C10	98
Max. number of luminaires per miniature circuit breaker C16	155
Power factor λ	≥ 0.5
Protection class	II

Photometrical data

Luminous flux	330 lm
Total luminous flux of contained light sources	700 lm
Luminous efficacy	47 lm/W
Color temperature	2700...6500 K
Reference control setting of contained light source (Kelvin)	3000 K ¹⁾
Light color (designation)	Tunable White
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	120 °

1) Performing a reset will restore the default values set by the manufacturer

Dimensions & Weight

Length	457.00 mm
Width	65.00 mm
Height	9.00 mm
Product weight	369.00 g
Cable length	1500 mm

SMART WIFI UNDERCABINET 457
TW

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum 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
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Surface
Mounting location	Cabinet undersides
Application environment	Indoor
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	-
--	---

Certificates & Standards

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

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	SMART WIFI UNDERCABINET
	Legal information	Legal Insert SUNATHOME AND SMART WIFI
	Declarations of conformity	SMART WIFI UNDERCABINET TW
	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
4058075575691	Folding box 1	76 mm x 64 mm x 472 mm	595.00 g	2.30 dm ³
4058075575707	Shipping box 8	497 mm x 275 mm x 181 mm	5319.00 g	24.74 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.