

PRODUCT DATASHEET

SMART+ Wifi Undercabinet Slim 50x3.75 TW

SMART+ UNDERCABINET SLIM TUNABLE WHITE | Slim 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
- Available in different sizes: 50x3.75 cm, 45.7x6.5 cm, 60x6.5 cm
- 50 cm luminaire extendable with maximum two extensions of 50 cm each
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Network protocol: WiFi
- Controllable via SMART+ App (with minimum Android 8.0 or iOS 14.0)



TECHNICAL DATA

Electrical data

Nominal wattage	9.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	58.000 mA
Max. number of luminaires per miniature circuit breaker B16	137
Max. number of luminaires per miniature circuit breaker C10	86
Max. number of luminaires per miniature circuit breaker C16	137
Power factor λ	≥ 0.5
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	480 lm
Total luminous flux of contained light sources	900 lm
Luminous efficacy	53 lm/W
Color temperature	2700...6500 K
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 °

Dimensions & Weight

Length	500.00 mm
Width	38.00 mm
Height	8.00 mm
Product weight	350.00 g
Cable length	1500 mm

SMART WIFI UNDERCABINET

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
Application environment	Indoor
With light source	Yes

Lifespan

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

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
- Power supply (2 m) and control box (5 cm) is included with basic version
- Extensions available in lengths: 30 cm and 50 cm
- Extensions are supplied with a connector and a connector cable (10 cm)
- Power supply and control box are not included with extensions
- For control via 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
	Addon technical information	Wifi remote control compatibility list
	Addon technical information	Wifi remote control compatibility list (DE)
	Legal information	Safety insert G11226267
	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
4099854530494	Folding box 1	50 mm x 82 mm x 510 mm	439.00 g	2.09 dm ³
4099854530500	Shipping box 8	560 mm x 210 mm x 185 mm	4187.00 g	21.76 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/en-int/home-lighting/services/faq

DISCLAIMER

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