PRODUCT DATASHEET
Linear LED Slim 300mm + RC

Linear LED Slim RGBW | High voltage undercabinet luminaires with RGBW technology

Areas of application

– Shelf and undercabinet lighting

Product benefits

– Direct connection to AC power supply thanks to integrated control gear
– Slim and sleek design
– Homogenous light distribution
– Easy and fast mounting on nearly every surface (adhesive tape or screws)

Product features

– Luminous flux: up to 350 lm
– Switch on and off, color changing and dimming via remote control
– Material: aluminum
– Color: silver
– Available in two lengths: 30 cm and 50 cm
– Connection of up to 10 luminaires (30 cm version) and up to 5 luminaires (50 cm version) possible
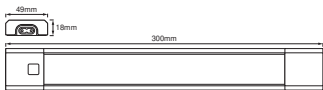
TECHNICAL DATA

Electrical data

Nominal wattage	4.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	50.000 mA
Max. number of luminaires per miniature circuit breaker C10	-
Power factor λ	> 0.5
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	230 lm
Total luminous flux of contained light sources	320 lm
Luminous efficacy	58 lm/W
Color temperature	3000 K
Light color (designation)	Warm 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	RG0
Beam angle	110 °

Dimensions & Weight

Length	300.00 mm
Width	49.00 mm
Height	18.00 mm
Product weight	315.00 g
Cable length	1500 mm

LINEAR LED SLIM 30CM RGBW

Materials & Colors

Product color	Gray
Housing color	Gray
Body material	Aluminum|Polycarbonate (PC)
Cover material	Polycarbonate (PC)
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20…+40 °C
Temperature range at storage	-30…+70 °C
Type of connection	Plug type C (EU)
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Type of dimming	PIR STEP
Mounting type	Surface
Mounting location	Cabinet undersides
Application environment	Indoor
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	30000 h [1]
Number of switching cycles	100000

[1] t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

BATTERY

Type of Battery	Li metal button cell battery
Battery size [GMS]	CR2025
Number of included batteries	1
Nominal voltage of battery	3 V
Nominal capacity of battery	150 mAh

Certificates & Standards

Standards	CE / EAC
Luminaire with limited surface temperature, "D sign"	No
Replaceable light source (EPREL)	Not replaceable

Additional product data

Number of illuminants	empty

EQUIPMENT / ACCESSORIES

– External cable (1.5 m) included
– Fixed connector and flexible connecting cable included

Safety advice

– All electrical connections must be made by a qualified person.
– Caution, risk of electric shock.
– 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.
– Battery Warning: Keep out of reach for children. Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.
– If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
– Please avoid: Maximal ambient temperature: +35 °C. Replacement of a battery with an incorrect type that can defeat safeguard (for example, in the case of some lithium battery types). Altitude during operation: 2000 m. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	LINEAR LED SLIM RGBW
PDF	Declarations of conformity	LINEAR LED SLIM

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075227651	Folding box 1	41 mm x 71 mm x 400 mm	374.00 g	1.16 dm³
4058075227668	Shipping box 8	416 mm x 303 mm x 120 mm	3714.00 g	15.13 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.