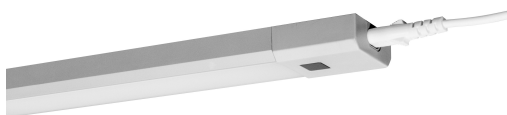# PRODUCT DATASHEET
Linear LED Slim Sensor 500mm

Linear LED Slim | High voltage undercabinet luminaires with IR sensor

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 640 lm
– Switch on and off by movements with 5 cm distance in front of the infrared motion sensor
– Stepless dimming by covering the infrared motion sensor in 5 cm distance for at least one second
– 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	8.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	80.000 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	640 lm
Total luminous flux of contained light sources	890 lm
Luminous efficacy	80 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	500.00 mm
Width	49.00 mm
Height	18.00 mm
Product weight	400.00 g
Cable length	1500 mm

LINEAR LED SLIM 50CM

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)

Sensor

Type of sensor	Motion
Sensor technology	Infrared/Photocell
Detection range of motion sensor	5 cm

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.

DOWNLOAD DATA

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075227637	Folding box 1	41 mm x 71 mm x 629 mm	459.00 g	1.83 dm^3
4058075227644	Shipping box 8	645 mm x 303 mm x 98 mm	4715.00 g	19.15 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.

DISCLAIMER

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