PRODUCT DATASHEET
Linear Angle Flood Sensor 55cm CCT DIM White

LINEAR ANGLE FRAMELESS SENSOR | Undercabinet luminaires for corner application



Areas of application

- Kitchens, Living areas, Shelf and undercabinet lighting

Product benefits

- Suitable for mounting in corners
- Easy and quick series connection thanks to simple plug system
- Seamless connection of up to 3 luminaires in a row via enclosed connector
- Homogenous light distribution

Product features

- Low voltage luminaire for DC operation with external driver
- Color temperature adjustable in three steps
- Switch on and off and color change by movements with max. 6 cm distance in front of the infrared motion sensor
- Stepless dimming by covering the infrared motion sensor in max. 6 cm distance for at least one second
- 2 different lengths available
- Lifetime up to 30,000 h
- Material: Aluminium (Housing), Polycarbonate (Diffuser)



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TECHNICAL DATA

Electrical data

Nominal wattage	7.50 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	51.000 mA
Inrush current	8.8 A
Inrush current time T_{h50}	120 µs
Max. number of luminaires per miniature circuit breaker B16	76
Max. number of luminaires per miniature circuit breaker C10	56
Max. number of luminaires per miniature circuit breaker C16	90
Power factor λ	≥0.5
Maximum total harmonic distortion	130 %
Protection class	III
Operating mode	Mains voltage

Photometrical data

Luminous flux	480 lm
Total luminous flux of contained light sources	490 lm
Luminous efficacy	64 lm/W
Color temperature	3000 K / 4000 K / 6500 K
Light color (designation)	Warm White / Cool White / Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	110 °

Dimensions & Weight

Length	550.00 mm
Width	36.00 mm
Height	18.00 mm
Product weight	249.00 g
Cable length	1500 mm

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LINEAR ANGLE FL SEN 55CM CCT DIM BK line drawings

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
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
Dimmable	Yes
Type of dimming	PIR STEP
Mounting type	Surface
Mounting location	Wall / Cabinet undersides
Application environment	Indoor
Mechanically adjustable	No
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h [1)]
Number of switching cycles	15000

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	Infrared sensor

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Sensor technology	Passive infrared (PIR)
Detection range of motion sensor	60 mm

Certificates & Standards

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

EQUIPMENT / ACCESSORIES

– Complete mounting and connecting accessories included

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
PDF	User instruction / safety instructions	Linear Angle Flood Sensor
PDF	Legal information	TRACKLIGHT SPOT ZOOM D85
PDF	Declarations of conformity	EU-Declaration of Conformity_PANEL_ANGLE.pdf

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075842502	Folding box 1	56 mm x 78 mm x 683 mm	401.00 g	2.98 dm^3
4058075842519	Shipping box 8	698 mm x 172 mm x 250 mm	3829.00 g	30.01 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.

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