

## PRODUCT DATASHEET

# Linear LED Flat Sensor + USB 600mm CCT

Linear LED Flat Sensor USB | Undercabinet luminaire for flexible mounting, with motion sensor, battery-powered, rechargeable



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### Areas of application

- For a very large range of uses
- For indoor use only
- Shelves, furniture integration or under cabinet mounting

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### Product benefits

- Attractive and functional design
- Economical operation due to low power consumption
- Easy and quick installation

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### Product features

- Housing material: aluminum
- Integrated light and motion sensor
- Switch for Auto- or On/Off-Mode
- Battery rechargeable via USB cable

TECHNICAL DATA

Electrical data

|                  |                       |
|------------------|-----------------------|
| Nominal wattage  | 4.00 W                |
| Nominal voltage  | 5 V                   |
| Mains frequency  | 50...60 Hz            |
| Nominal current  | 500.000 mA            |
| Protection class | III                   |
| Operating mode   | Integrated LED driver |

Photometrical data

|                                              |                                         |
|----------------------------------------------|-----------------------------------------|
| Luminous flux                                | 270 lm                                  |
| Luminous efficacy                            | 67 lm/W                                 |
| Color temperature                            | 3000 K / 4000 K / 6500 K                |
| Light color (designation)                    | Warm White / Cool White / Cool Daylight |
| Color rendering index Ra                     | > 80                                    |
| Standard deviation of color matching         | < 6 sdc <sub>m</sub>                    |
| Photobiological safety group acc. to EN62778 | RG1                                     |
| Beam angle                                   | 110 °                                   |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 600.00 mm |
| Width          | 40.00 mm  |
| Height         | 9.30 mm   |
| Product weight | 275.00 g  |



LINEAR LED FLAT SENSOR

Materials & Colors

|                                            |                  |
|--------------------------------------------|------------------|
| Product color                              | Gray             |
| Housing color                              | Gray             |
| Body material                              | Aluminum Plastic |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C           |
| Mercury content                            | 0.0 mg           |

Application & Mounting

|                          |         |
|--------------------------|---------|
| Type of connection       | USB     |
| Type of protection       | IP20    |
| Dimmable                 | No      |
| Mounting type            | Surface |
| Application environment  | Indoor  |
| With light source        | Yes     |
| Replaceable light source | No      |

### Lifespan

|                           |                       |
|---------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 25000 h <sup>1)</sup> |
|---------------------------|-----------------------|

<sup>1)</sup> 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 / Daylight |
|----------------|-------------------|

### BATTERY

|                            |             |
|----------------------------|-------------|
| Type of Battery            | Lithium ion |
| Battery size [GMS]         | Others      |
| Nominal voltage of battery | 3.7 V       |

### Certificates & Standards

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

### 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.
- This product is not a toy. It should not be left unattended in the hands of children or operated by children.
- Not designed as a replacement for conventional lighting in private household.
- 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           |
|---------------------------------------------------------------------------------------------------------------------------|-------------------------|
|  User instruction / safety instructions | LINEAR LED FLAT USB SEN |

| Documents and certificates                                                       |                            | Document name           |
|----------------------------------------------------------------------------------|----------------------------|-------------------------|
|  | Legal information          | Safety insert G11219286 |
|  | Declarations of conformity | LINEAR LED FLAT         |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume    |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4099854462672 | Folding box<br>1             | 42 mm x 62 mm x 648 mm               | 349.00 g     | 1.69 dm³  |
| 4099854462689 | Shipping box<br>8            | 665 mm x 183 mm x 150 mm             | 3122.00 g    | 18.25 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.