

# PRODUCT DATASHEET

## Undercabinet Flexus Linear 4.2W CCT DIM White

Undercabinet Flexus Linear | Dimmable linear undercabinet luminaire

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### Areas of application

- Kitchens, Living areas, Shelf and undercabinet lighting



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### Product benefits

- Connection of up to 4 luminaires in a row via enclosed connector cable, also in combination with Flexus Spot
- Highly versatile due to selectable color

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### 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. 5 cm distance in front of the infrared motion sensor
- Stepless dimming by covering the infrared motion sensor for at least one second
- Easy and fast mounting on nearly every surface (adhesive tape)
- Lifetime up to 30,000 h

TECHNICAL DATA

Electrical data

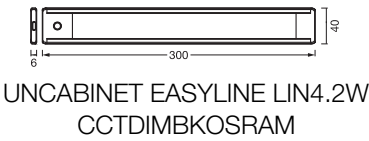
|   |               |
|---|---------------|
| Nominal wattage   | 4.20 W        |
| Nominal voltage   | 220...240 V   |
| Nominal current   | 36 mA         |
| Inrush current  | 0.0357 A      |
| Inrush current time T <sub>h50</sub>                        | 112 µs        |
| Max. number of luminaires per miniature circuit breaker B16 | 27            |
| Max. number of luminaires per miniature circuit breaker C16 | 33            |
| Power factor λ  | ≥0.5          |
| Total harmonic distortion                                   | ≤ 170 %       |
| Protection class  | II            |
| Operating mode  | Mains voltage |

Photometrical data

|  |   |
|--|---|
| Luminous flux                                  | 150 lm                                  |
| Total luminous flux of contained light sources | 300 lm                                  |
| Luminous efficacy                              | 36 lm/W                                 |
| Color temperature                              | 2700 K / 4000 K / 5000 K                |
| Light color (designation)                      | Warm White / Cool White / Cool 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   | RG0                                     |

Dimensions & Weight

|                |          |
|----------------|----------|
| Length         | 300 mm   |
| Width          | 40.00 mm |
| Height         | 6.00 mm  |
| Product weight | 176.00 g |



## Materials & Colors

|  |   |
|--|---|
| Product color                              | White   |
| Housing color                              | White   |
| Body material                              | Aluminium Acrylonitrile butadiene styrene (ABS) |
| 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     |
| Type of connection        | Plug type C (EU) |
| Type of protection        | IP20             |
| Dimmable                  | Yes              |
| Mounting type             | Surface          |
| With light source         | Yes              |
| Replaceable light source  | No               |

## Lifespan

|                           |                       |
|---------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 30000 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    | Infrared sensor    |
| Sensor technology | Infrared/Photocell |

## Emergency lighting

|                                  |      |
|----------------------------------|------|
| Type of emergency operation test | None |
|----------------------------------|------|

## Certificates & Standards

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




## Additional product data

|                |                             |
|----------------|-----------------------------|
| Product remark | Available from January 2026 |
|----------------|-----------------------------|

## EQUIPMENT / ACCESSORIES

– Complete mounting and connecting accessories included

## DOWNLOAD DATA

| Documents and certificates   |  | Document name   |
|--|--|---|
|  | User instruction / safety instructions | G11242453_LUM_UI_UNDERCABINET_FLEXUS_LIN_OSRAM_03_www |
|  | Legal information                      | Safety Insert G11244409                               |
|  | Legal information                      | Informationstext 18 Abs 4 ElektroG                    |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume    |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4099854628146 | Folding box<br>1             | 70 mm x 52 mm x 340 mm               | 230.00 g     | 1.24 dm³  |
| 4099854628153 | Shipping box<br>8            | 360 mm x 235 mm x 160 mm             | 2249.00 g    | 13.54 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.