

# PRODUCT DATASHEET Undercabinet Flexus Linear 4.2W CCT DIM Black

Undercabinet Flexus Linear | Dimmable linear undercabinet luminaire

### Areas of application

- Kitchens, Living areas, Shelf and undercabinet lighting



# 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

### **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	220240 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 $\lambda$	≥0.5
Total harmonic distortion	≤ 170 %
Protection class	П
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	Black	
Housing color	Black	
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 1)
---------------------------	------------

<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
Type of emergency operation test	None

# Certificates & Standards

Standards	CE
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

# Safety advice

- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by a qualified person in order to avoid a hazard.
- 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	
POF	User instruction / safety instructions G11242453_LUM_UI_UNDERCABINET_FLEXUS_LIN_OSRAM_03_www		
POF	Legal information	Safety Insert G11244409	
POF	Legal information	Informationstext 18 Abs 4 ElektroG	
POF	Declarations of conformity	UNDERCABINET	

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854628078	Folding box	70 mm x 52 mm x 340 mm	230.00 g	1.24 dm <sup>3</sup>
4099854628085	Shipping box 8	360 mm x 235 mm x 160 mm	2249.00 g	13.54 dm <sup>3</sup>

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.