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
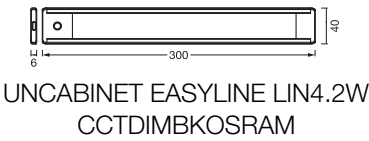
TECHNICAL DATA

Electrical data

Nominal wattage	4.20 W
Nominal voltage	220…240 V
Nominal current	36 mA
Inrush current	0.0357 A
Inrush current time T_{h50}	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

UNCABINET EASYLINE LIN4.2W
CCTDIMBKOSRAM

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]

[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
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
PDF	User instruction / safety instructions	G11242453_LUM_UI_UNDERCABINET_FLEXUS_LIN_OSRAM_03_www
PDF	Legal information	Safety Insert G11244409
PDF	Legal information	Informationstext 18 Abs 4 ElektroG

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854628078	Folding box 1	70 mm x 52 mm x 340 mm	230.00 g	1.24 dm^3
4099854628085	Shipping box 8	360 mm x 235 mm x 160 mm	2249.00 g	13.54 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.