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LED Crosswalk light – CLASSIC MAXI ECO FGÜ



A GUARANTOR OF HIGH SAFETY
CLASSIC MAXI ECO FGÜ

The Classic Maxi ECO FGÜ made possible by specially developed Crosswalk optics optimum illumination of pedestrian crossings.

Persons entering the crosswalk are laterally lit from above and can therefore from motorized traffic participants already from a distance be perceived at an early stage.



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Luminaire model

LED up and Lateral mounted luminaire for mast height and road width up to 7 m
Degree of protection IP66, protection class I or II

Applications: Lighting of pedestrian crossings in accordance with DIN 67523
Temperature range: ta -30°C bis +35°C

Light engineering

Effective led lens combination, Crosswalk Optical

LED lifetime: >80.000 h (L80/B10), reliability through LED Bypass

Color temperatures*: 4000 K (NW), other color temperatures on request..

Color rendering index: Ra >70 (CW, NW), Ra >80 (WW)

Light emission: 0% in the upper half space at 0 ° tilt

Electronic control device

Electronics with condensation protection (coating), shed optional

Constant current mode, LED current set at the factory in accordance with light output
With thermal monitoring of the LED module and current reduction

Voltage surge firmness > 4 kV L / N-GND, up to 10 kV optional on request

Housing

Opened without tools, robust housing made of die-cast aluminum

Clear, domed cover made of inorganic glass
No overhead cooling fins, top domed for self-cleaning

Highly Weather-resistant powder coating in RAL 9006 or DB 703, special painting on request

Integrated pressure equalization valve, improved thermal management by separate modules for LED lamps and operating device, each separately replaceable

Optional incl. Prefabricated connection cable

Electrical connection

Terminals up to 2,5 mm²

Cable gland for strain relief, suitable for cable diameters from 6 to 12 mm

Rated voltage 230 V ± 10%, AC, 50/60 Hz

Dimensions

Length:	800 mm
Height:	230 mm
Width:	360 mm
Weight:	10,5 kg
Wind target area:	0,18m ²

Mounting

Fastening elements are available in the following variants:

- Pole-top and mast boom 60 and 76 mm
- For details, see Installation / Operating Instructions!

Approbation

Approval marks:

- ENEC 10, VDE (in preparation)

Production locations certified to:

- ISO 9001:2008
- ISO/TS 16949:2009

VDE-monitoring by:

- ECS/CIG 021-024





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LED-System**

LED current	Number of LEDs	System performance	Luminous flux light color NW
350 mA	36	41 W	3.550 lm
400 mA	36	47 W	4.000 lm
450 mA	36	55 W	4.400 lm
500 mA	36	61 W	4.850 lm

**** We reserve the right to make technical changes.**

Light distribution Crosswalk optics

