

IR Illuminator M – 850 nm, 60°, 12 m

Art.-Nr. TVAC71050

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More light - better images

In order to record clear images even in the dark, cameras need (infrared) light. The semi-discrete IR Illuminator M provides cameras with the necessary light even in absolute darkness. The IR LEDs provide infrared light for night recordings with a wavelength of 850 nm. The IR illuminator is suitable for both black/white and day/night cameras.

Can also be used in extreme weather conditions

The range of the IR illuminator depends on the light sensitivity of the camera. The range is approx. 12 metres at 0.1 lux and up to 24 metres at 0.01 lux. The beam angle is 60° (horizontal). The IR Illuminator M is dustproof and protected against powerful water jets (IP66). It can therefore be used outdoors at temperatures between -30°C and +40°C without any problems. Its maximum power consumption is 8 watts.

Automatic switching - semi-discrete LEDs

The IR illuminator uses an integrated photo sensor to detect twilight or darkness and then switches on automatically. If the brightness is sufficient, e.g. due to daylight, it switches itself off. The IR Illuminator M 850nm, 60° is a semi-discrete IR illuminator. At approx. 850 nm, the wavelength of this illuminator is slightly shorter than the wavelength (940 nm) of a discrete illuminator of the same type. The advantage of the semi-discrete illuminator is its greater range. Only in the immediate vicinity of the illuminator is the reddish glow of its LEDs faintly visible. Thanks to the variable voltage input of 12-24 AC/DC, the IR illuminator can be operated with both AC and DC current.

Technologies

- Integrated light sensor for automatic switching on and off
- Variable power supply input 12 – 24 V AC/DC
- Semi-discrete for long ranges
- Range up to 12 m
- IP66 for indoor and outdoor use

Technical data - IR Illuminator M – 850 nm, 60°, 12 m

AC power supply	12 - 24 V
Battery activation	< 3 Lux lx
Beam angle horizontal/vertical	60 °
Current consumption	700 mA
DC power supply	12 - 24 V
Dimensions	85 x 70 x 69 mm
Height	69 mm
Housing material	Aluminium

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Technical data - IR Illuminator M – 850 nm, 60°, 12 m

Length	70 mm
Max. Operating temperature	40 °C
Min. operating temperature	-30 °C
Mounting	M6 thread
Net weight	0.45 kg
Optical wavelength	850
Power consumption	8 W
Product group	Accessories
Protection class IP	66
WEEE group	09
width	85 mm