

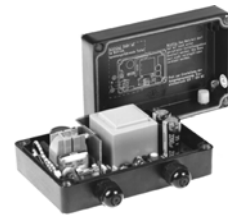
Product Information

LED Projector

60 W Infrared LED Projector with 20° (LED-6020) or 50° (LED-6050) Horizontal Angle and 880 nm Spectral Emission

Product Data

- narrow band light emission at 880 nm
- 20° or 50° horizontal angle
- large range (at 20°)
- 60 W power draw
- IP 66
- indifferent to vibrations
- low individual heating



Description

The LED infrared projector series LED-6020/50 allows a semi-discrete illumination of an area with infrared light. The projector emits its light in the spectral range of 880 nm., thereby making its cone of light invisible to the human eye.

In combination with a mono camera with good IR sensitivity and by using a lens with F 1:1.4 objects in a distance of approx. 55 m (LED-6020) or approx. 42 m (LED-6050) can be monitored, given a medium reflection degree of the objects.

Due to the LED technology used no maintenance is required for the projector – quite in contrast to standard halogen lamps where e.g. tubes have to be replaced.

The projector works with an operating voltage of 13 VDC.

A power supply unit which can be mounted to the projector housing is optionally available for the LED 60W infrared projectors. It includes an integrated twilight switch which makes it possible to automatically switch the IR light on or off.

Security in Focus.

LED Projector

Technical Specifications

	LED-6020	LED-6050
Spectral emission	880 nm	880 nm
Spectral half-width value	80 nm	80 nm
Radiation width	20° vertical / horizontal	50° vertical / horizontal
Illumination range (with sensitive IR camera)	approx. 55 m	approx. 42 m
Consumption	approx. 60 W / 4.6 A	approx. 60 W / 4.6 A
Operating voltage	13 VDC +/- 0.5 V	13 VDC +/- 0.5 V
Temperature rise above ambient temperature	max. 35° C	max. 35° C
Ambient temperature	-30° C up to +50° C	-30° C up to +50° C
IP rating	IP66	IP66
Weight	1.3 kg	1.3 kg
Dimensions (W x H x D)	182 x 130 x 66.5 mm	182 x 130 x 66.5 mm
Connecting thread	1 x 1/4" and 2 x M6	1 x 1/4" and 2 x M6

	LED-NT
Output voltage	12 - 15 VDC / for one LED projector
Operating voltage	100 - 240 VAC
Mounting	to the projector housing
Twilight switch	integrated
IP rating	IP65

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Errors and omissions excepted.

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