

# IR LED300-A-20

Home | Security | Lighting | Infrared

IR LED300-A-20  
LED Infrared Illuminator 850nm, 20°, 200-240VAC,  
65W, Twilight Switch

**Art-Nr. 71758**



## Main Features

**Spectral emission: 850nm / Beam angle: 20°**  
292 LEDs with narrow-band light emission  
Sensor controlled twilight switch w. IR cut filter  
Integral switching power supply with softstart  
Power supply: 200 to 240VAC, 50Hz  
Efficiency factor: 97% (cos Phi >0.9)

**Low self-heating / Vibration-resistant**  
**Extended temperature range components included**  
**Natural-coloured anodized aluminium casing**  
**Protection rating: IP66**  
**Option: fastening, wall and ceiling mount brackets**

## Specifications

<b>Lamp type</b>	LED
<b>Spectral emission</b>	850 nm
<b>Spectral half-value range</b>	80nm
<b>Angle of light source h</b>	20°
<b>Angle of light source v</b>	20°
<b>Scene coverage</b>	180 m
<b>Twilight switch</b>	yes, 50/130Lux (ON/OFF) sensor controlled. Permanent Illuminator function by sensor covering (adhesive tap supplied) or in case of sensor failure
<b>Temperature related switch-off</b>	At >60°C (system temperature). Automatic restart after falling below the limits
<b>Isolation strength</b>	Class I (leakage path =>4mm)
<b>Efficiency factor</b>	>97% (PSU), Cos Phi: >0,9
<b>Switch-on delay</b>	Softstart

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(Continuation Specifications)

Heating above ambient air temperature	Max. 35°C
Connection	2m Mains connection cable with open ends
Power supply unit	integrated
Protection rating	IP66
Mount	2x Threads M6 (Bottom), 2x M8 for wall kit fixing
Supply voltage	200 ~240VAC +/-10%, 50Hz
Power consumption	65W
Temperature range (operation)	-30°C ~+50°C
Housing ventilation	Via air vent
Housing	Aluminium with plastic cover
Colour	Housing: anodized silver / Black cover
Weight	3.1kg

### Optional accessories

71725	LED-WBSET	Wall Mount Set: Mounting Bracket and Wall Mount Bracket
79750	WD-5/MK	Wall Mount with Swivel Head for weatherproof Housing, black
77488	VPT/IRB-4L	L-Bracket for VPT-40, RAL7032
71722	PM-80	Pole Mount Adapter IR LED-WBSET (80-180mm Pole)

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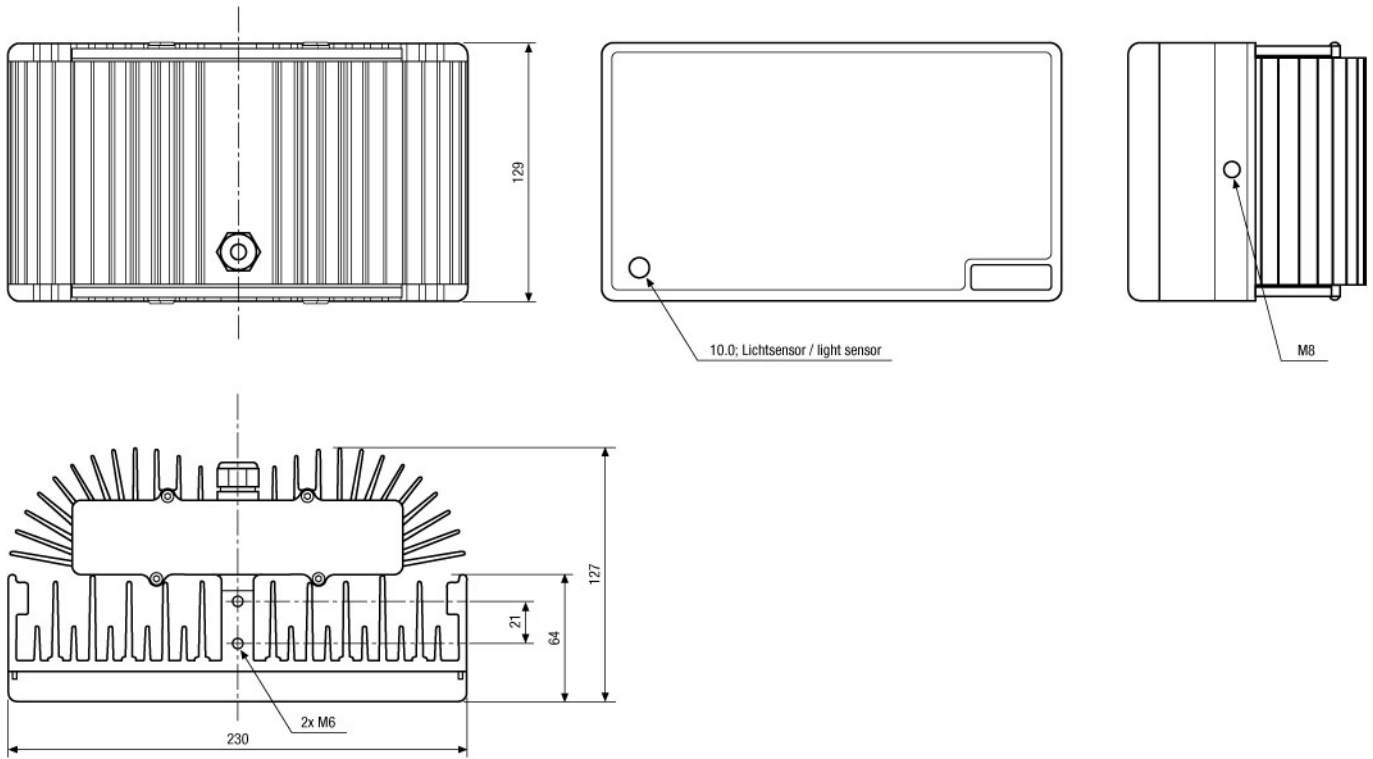
## Product information

\*) The best result will be achieved on condition that a camera is used with good sensitivity in the infra-red range, a relative lens aperture of F1.4 min. and a mean reflectance factor for spotlight objects.

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## Technical drawing



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