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IR LED300-B-20

LED Infrared Illuminator 880nm, 20°, 200-240VAC,

72W, Twilight Switch

Art-Nr. 71726





#### **Main Features**

Spectral Emission: 880nm / 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**

| Lamp type                      | LED   |
|--------------------------------|---|
| Spectral emission              | 880 nm  |
| Spectral half-value range      | 80nm  |
| Angle of light source h        | 20°   |
| Angle of light source v        | 20°   |
| Scene coverage                 | 180 m   |
| Twilight switch                | yes, 50/130Lux (ON/OFF) sensor controlled. Permanent Illuminator function by sensor covering (adhesive tap supplied) or in case of sensor failure |
| Temperature related switch-off | At >60 $^{\circ}\text{C}$ (system temperature). Automatic restart after falling below the limits  |
| Isolation strength             | Class I (leakage path =/>4mm)   |
| Efficiency factor              | >97% (PSU), Cos Phi: >0,9   |
| Switch-on delay                | Softstart   |

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### (Continuation Spezifications)

| 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                     | 72watts   |
| 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**

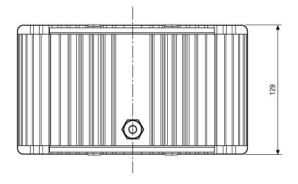
| 71722 | PM-80        | Pole Mount Adapter IR LED-WBSET (80-180mm Pole)             |
|-------|--------------|---|
| 71725 | IR LED-WBSET | Wall Mount Set: Mounting Bracket and Wall Mount Bracket     |
| 79750 | WD-5/MK      | Wall Mount with Swivel Head for weatherproof Housing, black |
| 77488 | VPT/IRB-4L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

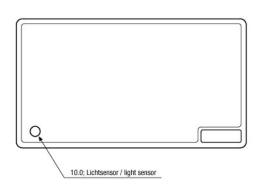
#### **Product information**

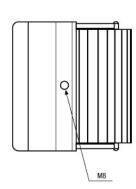
\*) The best result will be achieved on condition that a camera is used with good sensitivity in the infra-red range, a relative lens aperture of F1.4 min. and a mean reflectance factor for spotlight objects.

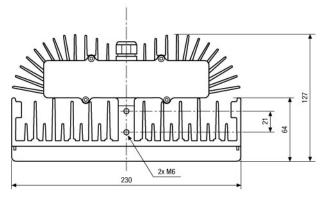
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### Technical drawing











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