

# IR LED300-B-50R

Home | Security | Lighting | Infrared

IR LED300-B-50R  
LED Infrared Illuminator 880nm, 50°, 200-240VAC,  
72W, Remote Control

**Art-Nr. 71724**



## Main Features

**Spectral Emission: 880nm / Beam Angle: 50°**  
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  
Switch-On Input: 5-24VDC / Open Collector Output

**Efficiency Factor: 97% (cos Phi >0.9)**  
Low Self-heating / Vibration-resistant  
Extended Temperature Range Components included  
Natural-coloured anodized Aluminium Casing / IP66  
Plugable Power and Control Input Cable  
Option: Fastening, Wall and Ceiling Mount Brackets

## Specifications

<b>Lamp type</b>	LED
<b>Spectral emission</b>	880 nm
<b>Spectral half-value range</b>	80nm
<b>Angle of light source h</b>	50°
<b>Angle of light source v</b>	50°
<b>Scene coverage</b>	150 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
Trigger input	5 ~24VDC, Ri: 3.9ohms
Relay output	42VDC, 5mA max. (open collector)
Connection	2m flexible connection cables 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

### 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

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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

