

IR LED300-A-50R

Home | Security | Lighting | Infrared

IR LED300-A-50R
LED Infrared Illuminator 850nm, 50°, 200-240VAC,
65W, Remote Control

Art-Nr. 71757



Main Features

Spectral Emission: 850nm / 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

Lamp type	LED
Spectral emission	850 nm
Spectral half-value range	80nm
Angle of light source h	50°
Angle of light source v	50°
Scene coverage	150 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°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 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	65W
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

