

IR LED300-A-20

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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

Lamp type	LED
Spectral emission	850 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°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
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

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

