

# IR LED150-A-20

Home | Security | Lighting | Infrared

IR LED150-A-20  
LED Infrared Illuminator 850nm, 20°, 200-240VAC,  
36W, Twilight Switch

**Art-Nr. 71734**



## Main Features

**Spectral Emission: 850nm / Beam Angle: 20°**  
130 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>	90 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 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 M8 for wall kit fixing
Supply voltage	200 ~240VAC +/-10%, 50Hz
Power consumption	36watts
Temperature range (Operation)	-30°C ~+50°C
Housing ventilation	Via air vent
Housing	Aluminium with plastic cover
Colour	Housing: anodized silver / Black cover
Dimensions (HxWxD)	See drawing
Weight	1.9kg

### Optional accessories

71725	IR LED-WBSET	Wall Mount Set: Mounting Bracket and Wall Mount Bracket
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

