



EX12LED LED Infrared Illuminator



- ▶ **Compact Cube Illuminator**
- ▶ **Simple, low Voltage design**
- ▶ **Intensity adjustable infrared**
- ▶ **850 nm or 940 nm models**
- ▶ **Beam patterns from 3 to 12 meters (10 to 40 feet)**

The EX12LED is a versatile, effective and economical infrared illuminator that provides night-time covert lighting control for short-range indoor and outdoor surveillance.

The low voltage illuminator can be safely and discreetly installed to enhance the night time performance of existing and new infrared sensitive cameras.

The EX12LED is comprised of 42 LEDs mounted to a solid core CNC machined aluminium housing that acts as a heat sink. A voltage regulator allows for 12 VDC or 24 VAC operation. An adjustable photocell allows the installer to set the ambient light level for on/off operation. The EX12LED is available in 850 nm or 940 nm, 30 degree or 60 degree beam patterns achievable beam distances of 3 to 12 meters (10 to 40 feet).

Functions

Applications

- Discreet Night Time Surveillance
- Night Clubs / Lounges
- Public Infrastructures
- Industrial Buildings

Certifications and Approvals

CSA Type 4X	Outdoor Weather Rating
CSA C22.2 No 0-M1991	General Elec. Rqts, Part II
CSA C22.2 No 1-M94	Audio, Video, and Similar Equip.
CSA C22.2 No 94-M91	Special Purpose Enclosures
UL Std No 50	Enclosures for Elec Equip.
UL Std No 2044	Commercial CCTV Equip.

Technical Specifications

Model	EX12LED8W	EX12LED8M
LED Type	850 nm	850 nm
LED Beam Angles	60° wide	30° medium
Model	EX12LED9M	
LED Type	940 nm	
LED Beam Angles	30° medium	
IR Control	Adjustable IR intensity	
Photocell	Automatic, sensitivity adjustable	
Electrical		
Power Supply	12 VDC or 24 VAC	
Power Draw	6 W at 500 mA (Max.) at 12 VDC	

Mechanical

Housing	CNC aluminum anodized (6061 T6)
Front Window	Optical acrylic
Back Cover	Anodized aluminum plate, gasketed
Mount	1/4 to 20 thread at bottom and rear
U-Bracket	Standard
Dimension (WxDxH)	74 x 70 x 70 mm (2.9 x 2.8 x 2.8 in)
Operational Range	-50 °C to +60 °C (-58 °F to +140 °F)
Weight	454 g (1.0 lbs)

Environmental

Operation Temperature Range -50 °C to +60 °C (-58 °F to +140 °F)

Ordering Information

EX12LED8M LED Infrared Illuminator **EX12LED8M**
 Infrared w/ 42 LEDs, 850 nm, Med Beam 30°,
 12/24 VRB, 0.5 amp, Photocell

EX12LED9M LED Infrared Illuminator **EX12LED9M**
 Infrared w/ 42 LEDs, 940 nm, Med Beam 30°,
 12/24 VRB, 0.5 amp, Photocell

EX12LED8W LED Infrared Illuminator **EX12LED8W**
 Infrared w/ 42 LEDs, 850 nm, Wide Beam 60°,
 12/24 VRB, 0.5 amp, Photocell

Americas:
 Bosch Security Systems, Inc.
 130 Perinton Parkway
 Fairport, New York, 14450, USA
 Phone: +1 800 289 0096
 Fax: +1 585 223 9180
 security.sales@us.bosch.com
 www.boschsecurity.us

Europe, Middle East, Africa:
 Bosch Security Systems B.V.
 P.O. Box 80002
 5600 JB Eindhoven, The Netherlands
 Phone: + 31 40 2577 284
 Fax: +31 40 2577 330
 emea.securitysystems@bosch.com
 www.boschsecurity.com

Asia-Pacific:
 Bosch Security Systems Pte Ltd
 38C Jalan Pemimpin
 Singapore 577180
 Phone: +65 6319 3450
 Fax: +65 6319 3499
 apr.securitysystems@bosch.com
 www.boschsecurity.com

Represented by