

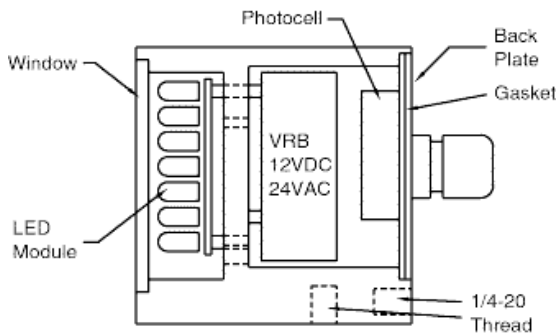
ATE/IRLC - Bullet Infrared Illuminators



The IRLC Series infrared illuminators offer a versatile, effective and economical solution for covert lighting of indoor and outdoor surveillance. The compact cube shape is designed to be located near the surveillance site, while allowing the camera to be located further away if necessary.

These low voltage illuminators can be safely and discreetly installed to enhance the night-time performance of existing and new infrared-sensitive cameras. Installers can now provide as much infrared light as necessary to illuminate a dark environment.

The units are comprised of 42 high performance LEDs mounted to a solid core CNC machined aluminum housing that acts as a heat sink. A voltage regulator allows for 12VDC or 24VAC operation. An adjustable photocell allows the installer to set the ambient light level for automatic on/off operation. The illuminators are available in 850nm or covert 940nm, with 30 degree or 60 degree beam patterns. A variable resistor that acts like a dimmer allows the installer to adjust the infrared light intensity. Two 1/4-20 mounting holes allow for easy installation onto standard camera brackets.



OVERVIEW

Features

- Illumination up to 50 feet (15m)
- 850nm or covert 940nm options
- 30° or 60° beam width
- 42 high performance IR LED's
- Weatherproof housing
- Rustproof anodized aluminum base
- Versatile mounting options
- Compact size (under 3-inches square)
- 12VDC or 24VAC operation
- 2-year warranty

Specifications		Enclosure	
Viewing Range	Up to 50 feet (15m)*	Housing	CNC Aluminum Anodized (6061 T6) black
LED Type	High Performance 850nm / 940nm	Front Window	Optical Acrylic
LED Beam Angles	60 deg. (W), 30 deg. (M)	Back Cover	Anodized Aluminum Plate with gasket
Number of LEDs	42	Mount	1/4-20 thread bottom and rear
Output Control	Variable Resistor	Dimensions	2.9 X 2.75 X 2.75 in. (w/h/d) (73 x 70 x 70mm)
Photocell	Automatic On/Off adjustable	Approx. Weight	1.0 lbs (454g)
Operational Range	-20 °C to +50 °C (-4 °F to 122 °F)		
Humidity Range	Up to 85% relative humidity		
Voltage Regulator	Included for electronic protection		
Power Supply	12VDC or 24VAC		
Power Draw	700 mA (Max.)		

* View range, video signal, signal/noise ratio and field of view will depend on the sensitivity and spectral response of your camera/lens combination.

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