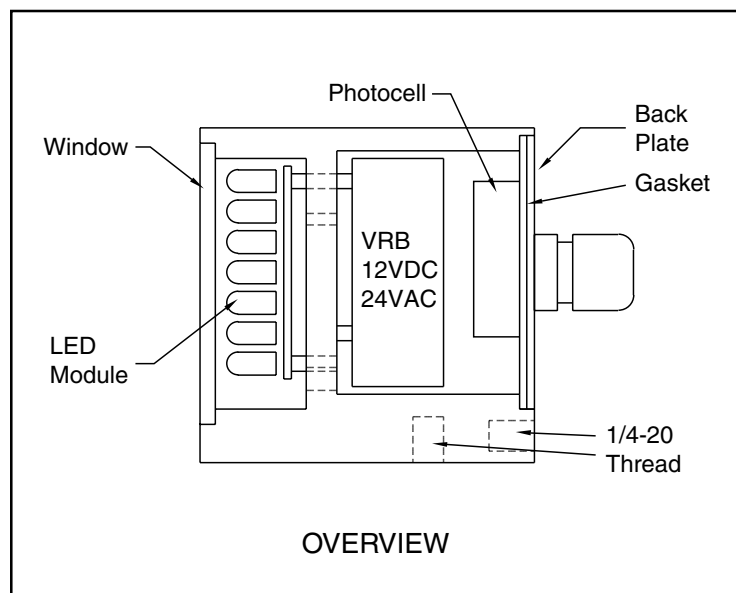


The IRLC Series infrared illuminators offer a versatile, effective and economical solution for covert lighting of indoor and outdoor surveillance. The compact cube shape is designed to be located near the surveillance site, while allowing the camera to be located further away if necessary.

These low voltage illuminators can be safely and discreetly installed to enhance the nighttime 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 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.



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 housing
- Versatile mounting options
- Compact size (under 3-inches square)
- 12VDC or 24VAC operation
- 2-year warranty

SPECIFICATIONS

Viewing Range	Up to 50 feet (15m)*
LED Type	High Performance 850nm / 940nm
LED Beam Angles	60 deg. (W), 30 deg. (M)
Number of LEDs	42
Output Control	Variable Resistor
Photocell	Automatic On/Off adjustable
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.)

ENCLOSURE:

Housing	CNC Aluminum Anodized (6061 T6) black
Front Window	Optical Acrylic
Back Cover	Anodized Aluminum Plate, Gasketed
Mount	1/4-20 thread bottom and rear
Dimensions	2.9 X 2.75 X 2.75 in. (w/h/d) (73 x 70 x 70mm)
Approx. Weight	1.0 lbs (454g)

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

Model Numbers

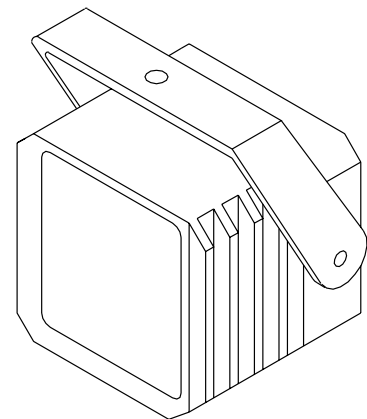
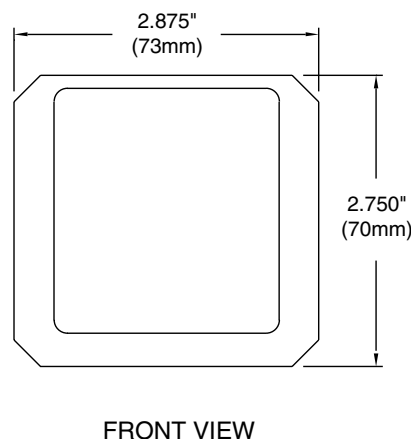
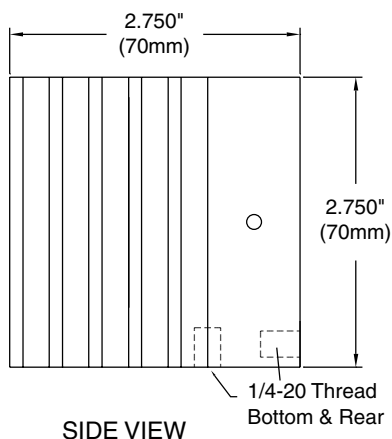
IRLC385	850nm, 30 deg. Medium Beam
IRLC685	850nm, 60 deg. Wide Beam
IRLC394	940nm, 30 deg. Medium Beam (covert)
IRLC694	940nm, 60 deg. Wide Beam (covert)

Typical Range

30° Beam		
IRLC385	Up to 50 feet	
IRLC394	Up to 20 feet	940nm covert model
60° Beam		
IRLC685	Up to 30 feet	
IRLC694	Up to 12 feet	940nm covert model

Performance Notes:

1. Use good infrared sensitive cameras for better results.
2. 850nm models emit a slight red visible glow.
3. 940nm covert models are not visible, but require a camera with extended IR range to achieve the distance or our 850nm models.



Rainbow CCTV

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Non metric weights and measurements are approximate.
Specifications are subject to change without notice.