

#### Key Features

- Solid state > 5 years life
- Semi covert 850 nm & covert 940 nm
- Achievable distances up to 574 ft. (175m)
- Robust construction
- Outdoor and indoor applications
- Low voltage at camera head
- Broad effective coverage
- Improves performance of frame integration cameras
- Relay contacts for remote control of event activation

#### Product Description

Supercharged high-performance infrared is combined with solid-state durability utilizing a technique that doubles LED output while using only minimum power. Two years of engineering development has resulted in a highly reliable long-life infrared illuminator that outperforms all known 500 Watt bulb-type infrared devices. The SuperLED™ requires only 140 Watts to deliver a quality, evenly distributed infrared to distances of 575 ft. (175 m) with extended-IR cameras while mid range cameras will achieve in the range of 330 ft. (100 m).

The SuperLED™ is the “next generation” state of the technology in infrared illumination. CCTV systems equipped with Video Motion Detection (VMD), Frame Integration and zoom lenses will benefit from the quality “invisible” lighting of the SuperLED™.

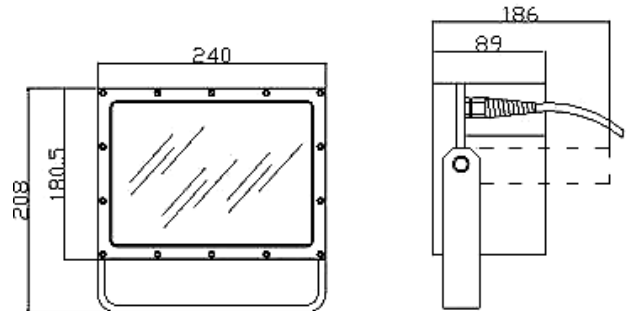
#### Applications

- Homeland Security
- Public spaces
- Parks, town centers, town squares
- Government buildings
- Darkened airports
- Military bases
- Perimeters
- Water reservoirs
- Ports and harbours
- Colleges and universities
- Central infrastructure

#### Product Image



The SuperLED™ is a compact, robust illuminator designed to outperform conventional infrared devices while using 1/3<sup>rd</sup> the amount of electrical power. Its accompanying engineered power supply ensures long-life beyond 5 years.



#### Certifications / Compliance

CSA Std C22.2 (No 0-M1991)	General Requirements
CSA Std C22.2 (No 0.4-M1982)	Bonding & Grndg of Elec Equip
CSA Std C22.2 (No 66-1988)	Specialty Transformers
CSA Std C22.2 (No 205-M1983)	Signal Equipment
CSA Std C22.2 (No 91-M91)	Special Purpose Enclosure
CSA Std C22.2 (No 250-00)	Luminaires
UL Std No 506	Transformers, Specialty
UL Std No 50	Enclosures for Elec Equip
UL Std No 1598	Luminaires

**Specifications** (Other Special Order Models available on request)

<b>SuperLED Long-Range Infrared Illuminator</b>	
<b>Illuminator</b>	
LEDs	High-efficiency array, current controlled
Number of LEDs	560
Beam Pattern	20° or 30°
Wavelength	850nm (semi-covert), 940nm (covert)
Consumption	18 VDC @ 6A
Temperature Range	-50°C to 45°C (-58°F to 113°F)
Construction	Robust aluminum extrusion
Weight	10lbs (4.5kg)
Dimension	240 mm x 181 mm x 89 mm   9.4" x 7.1" x 3.5"
Color	Black
Cabling	Supplied with 13.1ft (40m) connecting lead
<b>Power Supply (included as standard)</b>	
Input	120V @ 1.2A
Output	18V @ 6A
Photocell	Automatic on/off switching with adjustable sensitivity
Remote Control	Dry contact for telemetry
Dimension	280 mm x 180 mm x 100 mm   11.0" x 7.1" x 3.9"
Weight	8.6lbs (3.9kg)

**Part Numbers** (Other Special Order Models available on request)

<b>ZXLED850.20</b>	850 nm semi-covert, 20°
<b>ZXLED850.30</b>	850 nm semi-covert, 30°
<b>ZXLED940.20</b>	940 nm covert, 20°
<b>ZXPS.100R</b>	Replacement power supply, dual input voltage, 120 / 240 VAC, photocell

**Right:** The SuperLED™ power supply ensures reliable operation with input voltages from 100 to 240 VAC. An integral photocell allows for automatic dawn/dusk switching.

