



Medium PoE

Infra-Red LED Illuminator

The GJD range of high performance Infra-Red LED illuminators are designed to provide class leading performance, long life and ultra low maintenance.

Incorporating the latest surface mount Dual Core® LED's with enhanced optical output and outstanding reliability, they deliver excellent night-time images.

Each unit is fitted with integrated control circuitry to carefully control LED output, delivering consistent illumination and projected working life in excess of 10 years.

GJD illuminators include a new interchangeable lens diffuser system; which allows the user to quickly and easily alter the angle of illumination. Elliptical beam profiles allow more light to be delivered where it is needed, allowing both longer distances and minimising light wastage. The system also helps to prevent overexposure of foreground objects.

As standard the illuminator includes interchangeable lensing to deliver 10° circular, 30°, 60°, and 95° elliptical beam profiles.

FEATURES

IR illuminator designed to provide dedicated lighting for IP cameras via PoE+ (power over ethernet)

IEEE802.3at compliant (PoE+)

Latest Dual Core® SMT LED technology

Distances up to 187m (614')

Angle 10°, 30°, 60°, & 95°

Elliptical beam profiles

850nm or 940nm wavelengths

Low power consumption (15W)

Long life

IP66 weather proof rating

5 year warranty

Built-in photocell IR On/Off

Photocell following contact

Telemetry input for camera day/night remote switching

12-32V DC / 24V AC +/-10%

CleanLITE® Self cleaning lens coating technology

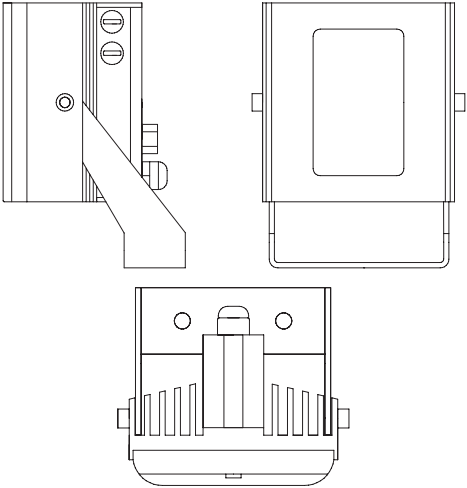
High quality anodised aluminium heatsink

Pressure equalisation vent

PRODUCT CODES

| | |
|---------------|------------------------------------|
| IM-8-P | Medium Infra-Red Illuminator 850nm |
| IM-9-P | Medium Infra-Red Illuminator 940nm |

SPECIFICATIONS



| PRODUCT CODE | WAVELENGTH | ANGLE | DISTANCE | | FOV | |
|--------------|------------|------------------|----------|------|-----|------|
| IM-8-P | 850nm | 10° - Circular | 187m | 614' | 33m | 107' |
| | | 30° - Elliptical | 94m | 307' | 50m | 164' |
| | | 60° - Elliptical | 60m | 195' | 69m | 225' |
| | | 95° - Elliptical | 30m | 98' | 65m | 213' |
| IM-9-P | 940nm | 10° - Circular | 115m | 376' | 20m | 66' |
| | | 30° - Elliptical | 65m | 213' | 35m | 114' |
| | | 60° - Elliptical | 40m | 131' | 46m | 152' |
| | | 95° - Elliptical | 20m | 66' | 44m | 143' |

- General Electronics**
High efficiency surface mount high power LED's with advanced current limited integral control circuitry
- Construction**
Robust high quality aluminium extrusion
- Front Window**
Polycarbonate high transmission protective (vandal proof) ir filter with CleanLITE® technology
- Finish**
Black anodised
- IR Wavelength**
850nm (Semi covert). Faint red glow only
940nm (Covert). Minimal visible glow
- Power Cable**
3m (9ft) including photocell following contact & remote telemetry input
- Interface Connector**
Photocell Following Contact & Remote Telemetry Input
- Pressure Equalisation Vent**
Prevents thermal expansion & pressure cycling

- Photocell**
Adjustable 20 -70 Lux
- Illumination**
Adjustable 10% - 100%
- Operating Temperature**
-50° to 50°C (-58° to 122°F)
- Weight**
1.05Kg (2.3lbs)
- Mount**
Powder coated stainless steel wall mount
- Dimensions**
114 x 110 x 78mm (4.49" x 4.33" x 3.07")
- Electrical High Power Over Ethernet**
IEEE802.3at Compliant (PoE+)
- Consumption**
26W
- Consumption**
26W
- Wavelength Standard**
850nm (Semi Covert). Faint Red Glow Only
- Optional**
940nm (Covert). Minimal Visible Glow

| CERTIFICATIONS | | |
|----------------|--|-------------------|
| SAFETY | EN60598:2004 | Electrical safety |
| | EN60825-1 | Laser eye safety |
| IP | IP66 in accordance with EN60529:1992 | |
| EMC | EN61000, FCC Part 15. 107 15. 108 Class B | |
| WEEE | Waste electrical & electronic equipment european directive 202/96/EC | |
| RoHS | Restriction of hazardous substance european directive 202/95/EC | |