

FEATURES

- P Moisture Condensation Free
- P Viewable Up To 40 Metres 850nm
..... 18 Metres 940nm
- P Minimum Illumination 0 Lux
- P Led Spectrum96 X Leds 20° Angle
- P Waterproof
- P Reliable Performance And Long Life
- P In-Built Cds (Photocell) Sensor
- P Supplied With 3 Position Mounting Bracket
- P Light Control Volume Adjustment
- P 850nm IR 10° / 20° / 30° 80m/50m/30m
- P 940nm IR 10° / 20° / 30° 40m/25m/15m

DESCRIPTION

The Kovert Infra-Red Illuminators use the latest light emitting diode technology to produce a light that is almost invisible to the naked eye but can be easily seen by infra-red compatible cameras. The illuminators are housed in a robust metal case providing weatherproof protection to the IP66 standard. The illuminators are available with different LED technologies, Standard and Trueblack and both are available in 12v DC or 24v AC operating models. The units are low wattage devices producing an invisible torch beam and should not be regarded as invisible floodlights.

| MODEL | SPECIFICATION | VOLTAGE |
|--------|--------------------------------|---------|
| LAM761 | STANDARD IR ILLUMINATOR 850nM | 24v AC |
| LAM762 | STANDARD IR ILLUMINATOR 850nM | 12v DC |
| LAM766 | TRUEBLACK IR ILLUMINATOR 940nM | 24v AC |
| LAM767 | TRUEBLACK IR ILLUMINATOR 940nM | 12v DC |

The standard range uses LEDs that produce an infra-red light at the 850nM wavelength which is visible to the naked eye when viewed in the dark. The Trueblack range uses infra-red light at the 940nM wavelength and produce virtually no visible light. However most infra-red cameras are half as sensitive to the 940nM as they are to the 850nM, hence 850nM LEDs give out about twice as much infra-red light as a 940nM lamp with a corresponding number of LEDs.

Installation Instructions

These illuminators can be mounted internally or externally making them good for internal surveillance in stores areas as well as external covert use. The universal bracket supplied allows mounting on wall or ceiling with an adjustment for angling the unit correctly.

Note that only cameras with infra-red compatibility are used with these lamps and the illumination area is more like a torch beam with a narrow angle of cover.

| SPECIFICATIONS | |
|-----------------------|--|
| Minimum Illumination | LED, 0 (zero) Lux with LED on (Day: LED off) |
| LED Spectrum 850nM | 20° IR LED at 50M |
| LED Spectrum 940nM | 20° IR LED at 25M |
| MTBF | 20,000 hours |
| Power Source | 12v DC regulated 1A |
| Operation Current | 720mA |
| Operating Temperature | 14° F - 122° F (-20°C - +50°C) |
| Humidity | Within 90% RH |
| Output Terminal | 60CM L/W |
| Measurement | 149(W) x 99(H) x 35(D) |
| Weight | 900g |