

FEATURES

- P Moisture Condensation Free
- P Viewable Up To ..... 40 Metres 850nm  
..... 18 Metres 940nm
- P Minimum Illumination 0 Lux
- P Led Spectrum .....96 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