

# iluminar

## IR330 Series

### Product Features

- IR illuminator with LED technology
- Illumination distance 330' (100m)
- 30° illumination angle
- 850nm wavelength
- Low power consumption
- Even illumination
- No maintenance required
- 3 year warranty
- IP67 weatherproof rating
- c/w wall mount
- Built-in photocell IR on/off
- 24VAC input



### Who are Iluminar?

Iluminar (which stands for “illuminate” in Spanish) are a specialist manufacturer and supplier of IR and white light illuminators and license plate recognition products. The owners have over 30 years combined industry experience. Our company mission is to **supply high quality and reliable lighting and license plate recognition products to the CCTV industry, backed by unsurpassed customer service.**

### What is IR Illumination?

Active or near infra-red (NIR) illumination is energy which is invisible to the human eye but can be seen by a high quality black/white or true day/night camera (IR cut filter removed). The energy from IR illuminators resides just outside the visible red section of the electromagnetic spectrum, above 700nm and below 1000nm.

IR illumination is an ideal source of illumination for security cameras for the following reasons.

- It is invisible to the human eye but visible to black/white and true day/night cameras, which makes it ideal as a covert/none obtrusive form of illumination.
- Because it is invisible to the human eye it does not create the problem of light pollution.
- It has a longer range than visible light due to the higher wavelength (up to approx. 1000' or 305m)

All Iluminar's Infrared illuminators are designed to provide superior IR lighting for CCTV systems. They are available with a range of angles to cover different ranges and scenes.

Supplied with an IP67 rating, they are vandal proof and can be used outdoors. The hardened housing provides protection from the harshest weather conditions and rapid temperature variations (14°F to 120°F).

## Models

| Model Number | Angle | Distance    |
|--------------|-------|-------------|
| IR330-A30-24 | 30°   | 330' / 100m |

## General

|                       |   |
|-----------------------|---|
| Construction          | Alloy housing with high transmittance protective (vandal-proof) IR filter |
| Finish                | Black polyester powder coat   |
| Environment           | Indoor or outdoor   |
| Operating Temperature | 14° to 120°F<br>(-10° to 50°C)  |
| Humidity              | Within 90% RH   |
| MTBF                  | 20,000 hours  |
| Output Terminal       | 12" (30cm) power cable  |
| Weight                | 2.8 lbs (1300g)   |
| Dimensions            | 5.8" x 3.9" x 1.4"<br>(149(W) x 99(H) x 35(D) mm)                         |
| Mount                 | Metal adjustable wall mount   |

## Wavelength

Standard (A)

**850nm** (semi-covert)  
Faint red glow visible  
on the illuminator only  
(no visible light)

## Certifications

Meets NEMA Type 4 and IP67 standards

## Electrical

|               |         |
|---------------|---------|
| Input Voltage | 24VAC   |
| Input Current | 1A max. |