

# rayMAX 25 IP



## INFRA-RED PRODUCT RANGE

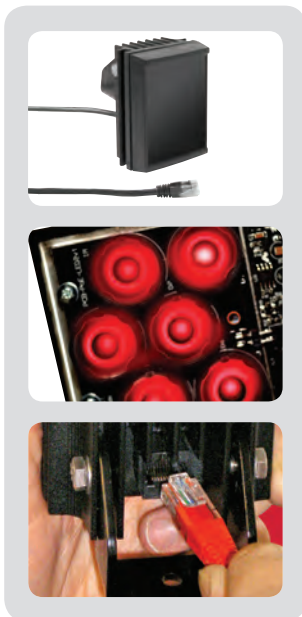
: Internal Applications Only

The RAYMAX series of High Performance Infra-Red LED illuminators provide class leading performance, long life and ultra low maintenance. They incorporate the very latest surface mount LED's to deliver excellent night-time pictures with improved optical output and outstanding reliability.

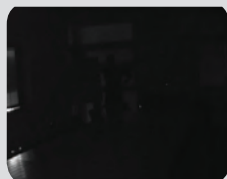
The RAYMAX 25 IP Infra-Red illuminator is designed to provide dedicated lighting for network cameras via a PoE (Power over Ethernet) enabled infrastructure. Installation is as simple as plugging in the PoE enabled network cable. With an in-built photocell plus internal 'Command and Control™' electronics the RAYMAX 25 IP is truly 'plug and play'.

Each unit is fitted with Active LED Life Control to carefully control LED output, delivering consistent illumination power and a projected working life of 10 years. The RAYMAX 25 IP is fully compliant with the IEEE 802.3 af standard detection method and requires an injector that can deliver up to 10W.

RAYMAX 25 IP is suitable for all internal low light installations up to 30 metres (98ft).



### INFRA-RED IN USE:



Infra-Red off



Infra-Red on

### POWERFUL

- Distances up to 30m (98ft)
- **PLATINUM<sup>6</sup>** LED technology
- Integrated PSU with 'Command and Control™' electronics

### FLEXIBLE

- PoE input (or 12-24V)
- Various angles (10°, 30°, 50° or 120°)
- One click easy installation

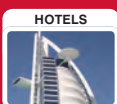
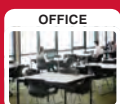
### RELIABLE

- 10 year life
- Active LED Life Control
- Vandal resistant

### CONTROLLED

- Automatic operation via photocell
- Even Output Illumination
- Semi-Covert (850nm) or Covert (940nm) Options
- IEEE 802.3 af standard - fully compliant

## APPLICATIONS



rayTEC<sup>6</sup>



### PoE ENABLED

The RAYMAX IP and RAYLUX IP series is designed to provide dedicated lighting for IP cameras via a PoE - (Power over Ethernet) enabled network infrastructure. Installation is as simple as plugging in the Ethernet cable. With an in-built photocell plus internal command and control electronics the light is truly plug and play.



### ACTIVE LED LIFE CONTROL

All Raytec illuminators employ cutting edge materials science techniques to improve thermal efficiency throughout the unit and ensure continuity of LED power. The New Advanced Cool Running™ system draws heat away from the LEDs, shielding the LED from abnormal stress, and allows Raytec LED products to deliver outstanding performance and consistency of illumination throughout the operational life of the illuminator.



### PLATINUM ADVANCED SMT LED TECHNOLOGY

PLATINUM illuminators integrate cutting-edge SMT LED technology, light intensification miniature optics and an enhanced Cool Running™ thermal management system into a single high performance LED. The result is World leading power, reliability and flexibility.



### COMMAND AND CONTROL TECHNOLOGY

Integrated into all Fusion Illuminators, Command and Control technology provides photocell, photocell level adjustment and power adjustment functionality on the actual illuminator. This eliminates the need for a specialist external power supply.



### VANDAL RESISTANT

The polycarbonate lens design protects against severe blows from crowbars, baseball bats and can even withstand successive shots from air pistols and rifles (range dependant).



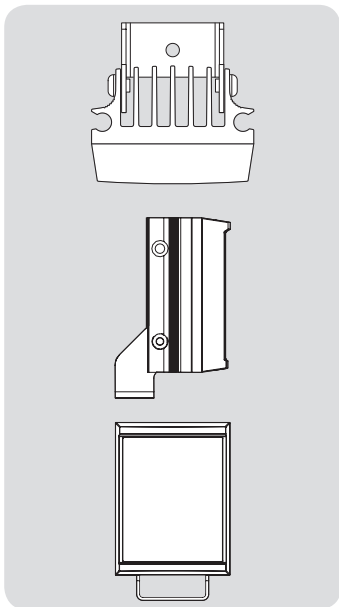
### ENERGY SAVING

All Raytec illuminators use high efficiency LED's and advanced control methods to deliver extremely low electrical consumption. Raytec illuminators are energy saving and deliver huge savings in running costs compared to traditional bulb illuminators.

## 3 YEAR WARRANTY

All Raytec CCTV / IP illuminators are provided with a 3 year warranty, unmatched anywhere in the CCTV lighting industry. Raytec illuminators provide guaranteed long life!

## TECHNICAL SPECIFICATIONS



### ILLUMINATOR & INTEGRATED PSU

*Max Distance:* up to 30m (98ft)  
*Angle:* 10, 30, 50 or 120 degrees  
*Optics:* PLATINUM SMT LED's  
*Consumption:* 10W max  
*Weight:* 0.5kg (1.1lbs)  
*Environmental:* Indoor Applications Only  
*Temp Range:* -30 to +50°C (-58 to 122°F)  
*Colour:* Black  
*Wavelength:* 850 or 940nm  
*Dimensions:* 75 x 100 x 54mm  
 3" x 4" x 2" approx

**BRACKETRY**  
 U Bracket included

### INTEGRATED POWER SUPPLY

*Input:* PoE  
 24V ac/dc  
 12V dc  
*Power over Ethernet (PoE):* IEEE 802.3af  
 Compliant Interface  
 Power classification (class 0)  
*Output:* 10W max (adjustable)  
*Photocell:* Integrated  
 (adjustable sensitivity)  
*Power Control:* Full 10-100% adjustment

### PART CODES & DISTANCES

RM25-10-IP	RAYMAX 25, 10°	850nm & integrated PSU
RM25-30-IP	RAYMAX 25, 30°	850nm & integrated PSU
RM25-50-IP	RAYMAX 25, 50°	850nm & integrated PSU
RM25-120-IP	RAYMAX 25, 120°	850nm & integrated PSU

### DISTANCES

30m (98ft)
20m (66ft)
14m (46ft)
8m (26ft)