rayMAX 25 IP

INFRA-RED PRODUCT RANGE

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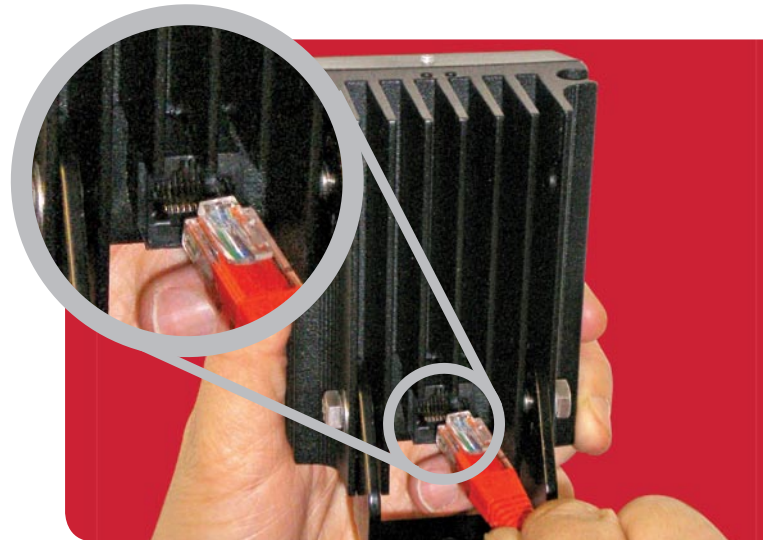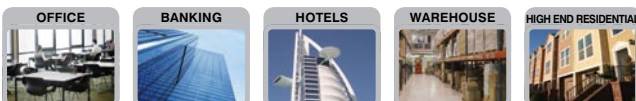
The RAYMAX 25 IP Infra-Red illuminator is designed to provide dedicated lighting for network cameras via a PoE (Power over Ethernet) enabled infrastructure. Installation is as simple as plugging in the PoE enabled network cable. With an in-built photocell plus internal 'command and control' electronics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

Each unit is fitted with a Cool Running™ thermal management system to carefully control LED output and delivers a projected working life of 10 years.

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

APPLICATIONS

OFFICE   BANKING   HOTELS   WAREHOUSE   HIGH END RESIDENTIAL

POWERFUL
- Distances up to 30m (98ft)
- Latest 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
- Cool Running™ thermal management system
- Vandal resistant

CONTROLLED
- Automatic operation via photocell
- Even Output Illumination
- Semi-Covert (850nm) or Covert (950nm) Options

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www.rayteccctv.com

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.

COOL RUNNING™ Thermal Management System
Cutting edge materials science techniques have been employed to improve thermal efficiency throughout the unit. Cool Running™ is specifically designed to allow all Raytec LED products to provide exceptionally long life - up to 10 years.

SMT (Surface Mount Technology)
The future of lighting is surface mount LED technology. Compared to standard through hole LED's, surface mount LED's are a more robust solution increasing reliability and improving product life. They are also far more efficient at the dissipation of heat allowing the LED's to run at higher power and achieve significantly improved performance.

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.
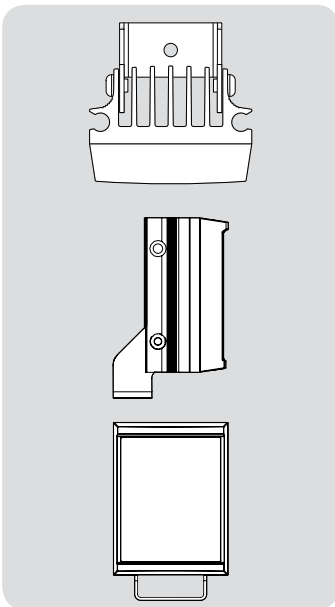
HIGH DEFINITION LIGHTING
High Definition Lighting allows cameras to provide crystal clear, high signal images during the hours of darkness. The breakthrough in HD lighting is made possible with Raytec's high power LED technology delivering increased power on scene.

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!

3 YEAR WARRANTY

TECHNICAL SPECIFICATIONS

ILLUMINATOR
Max Distance:	up to 30m (98ft)
Angle:	10, 30, 50 or 120 degrees
Optics:	SMT LED's
Consumption:	12W max
Weight:	1.0kg
Environmental:	Indoor Applications
Temp Range:	-30 to +50˚C (-58 to 122°F)
Colour:	Black
Wavelength:	850 or 950nm
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):	IEEE802af Compliant Interface Power classification (class 0)
Output:	12W max (adjustable)
Photocell:	Integrated (adjustable sensitivity)
Power Control:	Full 10-100% adjustment

PART CODES		DISTANCES
RM25-10-IP	RAYMAX 25, 10°	30m (98ft)
RM25-30-IP	RAYMAX 25, 30°	20m (66ft)
RM25-50-IP	RAYMAX 25, 50°	14m (46ft)
RM25-120-IP	RAYMAX 25, 120°	8m (26ft)

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