

# rayMAX 200



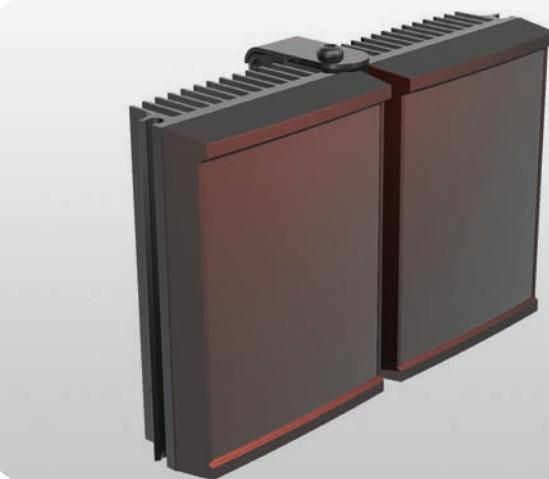
## INFRA-RED PRODUCT RANGE

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 unique Adaptive Illumination™ concept provides the flexibility to alter the angle of illumination on site to suit specific security needs and to match the camera's field of view. RAYMAX illuminators are also purpose designed to provide even output illumination.

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 illuminators are supplied with bracket and power supply. Control features on the power supply include adjustable power output, photocell and telemetry control. RAYMAX 200 is suitable for all low light installations up to 200 metres.



### POWERFUL

- Distances up to 200m
- Latest LED technology

### FLEXIBLE

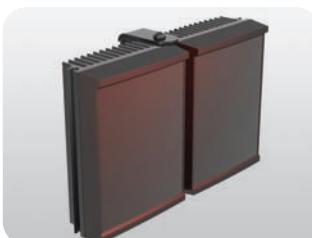
- Adaptive Illumination™
- Fully Controllable Power Supply

### RELIABLE

- 10 year life
- Cool Running™ thermal management system

### CONTROLLED

- Zero Light Pollution
- Even Output Illumination
- Semi-Covert or Covert Options



**rayTEC**®

[www.rayteccctv.com](http://www.rayteccctv.com)

**ADAPTIVE ILLUMINATION™**

Designed for RAYMAX Infra-Red and RAYLUX White-Light illuminators, Adaptive Illumination™ allows the installer to adjust the angle of the light projection from a single unit to fit the specific demands of any installation. Adjustment is quick and convenient and any angle from 30-60 degrees is easily selectable. Adaptive Illumination is patent pending technology available exclusively from Raytec.

**COOL RUNNING™ Thermal Management System**

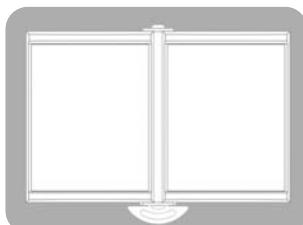
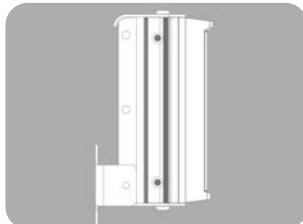
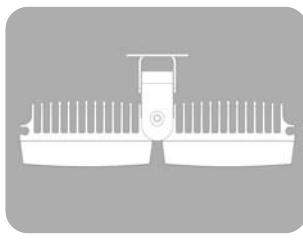
Cutting edge materials science techniques have been employed to improve thermal efficiency throughout the unit. Cool Running™ is specifically designed to allow all Raytec LED products to provide exceptionally long life - up to 10 years.

**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.

**5 YEAR WARRANTY**

All Raytec CCTV illuminators are provided with a 5 year warranty, unmatched anywhere in the CCTV lighting industry. Raytec illuminators provide guaranteed long life!

**TECHNICAL SPECIFICATIONS****ILLUMINATOR**

<i>Max Distance:</i>	up to 200m
<i>Angle:</i>	Various - See Part Codes
<i>Optics:</i>	SMT LED's
<i>Consumption:</i>	120W max
<i>Voltage:</i>	24V
<i>Weight:</i>	4kg
<i>Environmental:</i>	IP66
<i>Temp Range:</i>	-50 to +50C
<i>Cable Length:</i>	4m
<i>Colour:</i>	Black
<i>Wavelength:</i>	850 or 950nm
<i>Dimensions:</i>	280 x 195 x 66mm

**POWER SUPPLY**

PSU Included	
<i>Input:</i>	230V
<i>Output:</i>	120W max
<i>Temperature:</i>	-50 to +50C

*PSU Features:*

- Adjustable Photocell
- Adjustable power output for IR Telemetry Control

**BRACKETRY**

U Bracket and Adaptive Illumination bracket included

**PART CODES**

RAYMAX 200-AI30	RAYMAX 200, 30-60° AI, 850nm + PSU
RAYMAX 200-AI50	RAYMAX 200, 50-100° AI, 850nm + PSU
RAYMAX 200-AI120	RAYMAX 200, 120-180° AI, 850nm + PSU
RAYMAX 200-AI50-C	RAYMAX 200, 50-100° AI, 950nm + PSU

Other models available on request.

**ILLUMINATION DISTANCES**