

rayMAX 50

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 50 is suitable for all low light installations up to 30+ metres.



POWERFUL

- Distances up to 30m+
- 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

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)

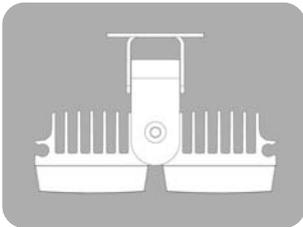
The future of lighting is surface mount LED technology. Compared to standard through hole LED's, surface mount LED's are a more robust solution increasing reliability and improving product life. They are also far more efficient at the dissipation of heat allowing the LED's to run at higher power and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

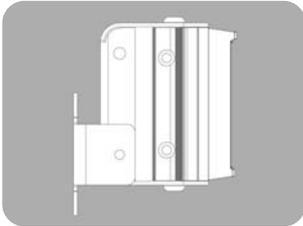
Max Distance: 30m+
Angle: Various - See Part Codes
Optics: SMT LED's
Consumption: 40W max
Voltage: 24V
Weight: 1.7kg
Environmental: IP66
Temp Range: -50 to +50C
Cable Length: 4m
Colour: Black
Wavelength: 850 or 950nm
Dimensions: 160 x 115 x 54mm

POWER SUPPLY

PSU Included
Input: 230V
Output: 40W max
Temperature: -50 to +50C

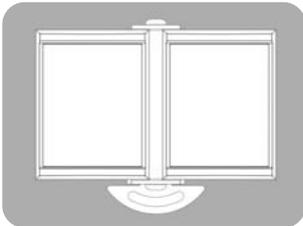
PSU Features:

Adjustable Photocell
 Adjustable power output for IR
 Telemetry Control



BRACKETRY

U Bracket and Adaptive Illumination bracket included

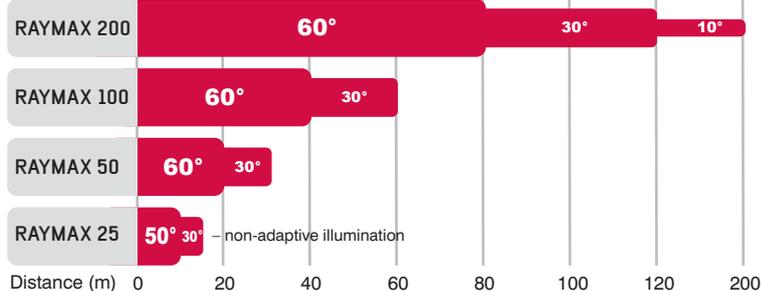


PART CODES

RM50-AI30	RAYMAX 50, 30-60° AI, 850nm + PSU
RM50-AI50	RAYMAX 50, 50-100° AI, 850nm + PSU
RM50-AI120	RAYMAX 50, 120-180° AI, 850nm + PSU
RM50-AI50-C	RAYMAX 50, 50-100° AI, 950nm + PSU

Other models available on request.

ILLUMINATION DISTANCES



N.B Maximum distance is dependant upon camera/lens performance.

