The RM200 PLATINUM is the latest generation of the RAYMAX series, designed specifically for long distance applications. RM200-PLT provides World class performance, long life and ultra low maintenance. RM200-PLT incorporates 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. RM200-PLT is suitable for all low light installations up to 300 metres (984ft).

POWERFUL
• Distances up to 300m (984ft)
• Latest LED technology
• World leading PLATINUM® technology

FLEXIBLE
• Adaptive Illumination™
• Various Angles (10° - 180°+)
• Fully Controllable Power Supply

RELIABLE
• 10 year life
• Cool Running™ thermal management system
• Vandal Resistant

CONTROLLED
• Zero Light Pollution
• Even Output Illumination
• Semi-Covert (850nm)

RAYMAX 200 PLATINUM
ULTIMATE LONG RANGE ILLUMINATION
INFRA-RED PRODUCT RANGE: RM200-PLT

TECHNICAL SPECIFICATIONS

ILLUMINATOR

| Max Distance: | up to 300m (984ft) |
| Angle: | Various - See Part Codes |
| Optics: | SMT LED's |
| Consumption: | 100W max (1 x RM200-PLT) |
| Voltage: | 13.5V current controlled |
| Weight: | 4kg |
| Environmental: | IP66 |
| Temp Range: | -50 to +50°C (-58 to 122°F) |
| Cable Length: | 2.5m |
| Colour: | Black |
| Wavelength: | 850nm |
| Dimensions: | 280 x 195 x 66mm |

FRAMEWORK

U Bracket and Adaptive Illumination bracket included.

RM200-PLT-AI-10
RAYMAX 200 PLATINUM, 10-20 degree
AI, 850nm + PSU
300m (984ft)
200m (656ft)

RM200-PLT-AI-30
RAYMAX 200 PLATINUM, 30-60 degree
AI, 850nm + PSU
220m (722ft)
140m (459ft)

RM200-PLT-AI-50
RAYMAX 200 PLATINUM, 50-100 degree
AI, 850nm + PSU
140m (459ft)
90m (295ft)

RM200-PLT-AI-120
RAYMAX 200 PLATINUM, 120-180+ degree
AI, 850nm + PSU
70m (230ft)
47m (154ft)

POWER SUPPLY

| Input: | Universal 100-240V AC auto-sensing |
| Output: | ~100W max |
| Temperature: | -50 to +50°C (-58 to 122°F) |
| Weight: | 1.5Kg |
| Dimensions: | 160mm x 160mm x 81mm |

Standard PSU (included)

Adjustable photocell
Adjustable power output for IR Telemetry Control

Premium PSU (add ~PR to part code)
All standard PSU features PLUS:
Photocell following contact for switching of dual mode cameras
12V dc output to power cameras

Pulsed PSU (add ~PU to part code)
To pulse Raytec lights in sync with cameras.
Power Adjustment
Video In and Video Out connections to sync light and camera,
12V dc output to power cameras

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!