The RM100 PLATINUM is the latest generation of the RAYMAX series, designed specifically for long distance applications. RM100-PLT provides World class performance, long life and ultra low maintenance. RM100-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. RM100-PLT is suitable for all low light installations up to 200 metres (656ft).

RAYMAX 100 PLATINUM®

### POWERFUL
- Distances up to 200m (656ft)
- 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 100 PLATINUM®

APLICATIONS
- PRISONS
- WATER RESERVOIRS
- INDUSTRIAL PARK
- DOME SYSTEM
- POWER PLANTS

www.rayteccctv.com
### TECHNICAL SPECIFICATIONS

#### ILLUMINATOR

- **Max Distance:** up to 200m (656ft)
- **Angle:** Various - See Part Codes
- **Optics:** SMT LED's
- **Consumption:** 70W max (1 x RM100-PLT)
- **Voltage:** 13.5V current controlled
- **Weight:** 2.5kg
- **Environmental:** IP66
- **Temp Range:** -50 to +50°C (-58 to 122°F)
- **Cable Length:** 2.5m
- **Colour:** Black
- **Wavelength:** 850nm
- **Dimensions:** 210 x 150 x 65mm
  - 8” x 6” x 3” approx

#### BRACKETRY

U Bracket and Adaptive Illumination bracket included.

- **PB-360 Pole Bracket - 360° to mount up to 4 units**
- **PB-180 Pole Bracket - 180° to mount up to 2 units**

#### POWER SUPPLY

- **Input:** Universal 100-240V AC auto-sensing
- **Output:** ~70W max
- **Temperature:** -50 to +50°C (-58 to 122°F)
- **Weight:** 1.5Kg
- **Dimensions:** 160mm x 160mm x 81mm
  - 6” x 6” x 4” approx

#### 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

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### 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!