Designed to be used with colour or day/night cameras, the RAYLUX series of High Performance White-Light LED illuminators provide class leading performance, long life, energy efficiency and zero 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. RAYLUX illuminators are also purpose designed to provide even output illumination.

Each unit is fitted with Active LED Life Control to carefully control LED output, delivering consistent illumination power and a projected working life of 10 years.

RAYLUX illuminators are supplied with bracket and power supply. Control features on the power supply include adjustable power output, photocell and telemetry control. RAYLUX 200 is designed for low light installations up to 200m (656ft).

**POWERFUL**
- Distances up to 200m (656ft)
- **PLATINUM** LED technology
- High Power - Low Running Costs

**FLEXIBLE**
- Adaptive Illumination™
- Various angles (10° to 180°)
- Fully Controllable Power Supply

**RELIABLE**
- 10 year life
- Active LED Life Control
- Vandal resistant

**CONTROLLED**
- Excellent Colour Rendition
- Even Output Illumination
- Low Running Costs

**APPLICATIONS**
- PRISONS
- WATER RESERVOIRS
- INDUSTRIAL PARK
- DOME SYSTEM
- POWER PLANTS
## TECHNICAL SPECIFICATIONS

### ILLUMINATOR

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Distance</td>
<td>up to 200m (656ft)</td>
</tr>
<tr>
<td>Angle</td>
<td>Various - See Part Codes</td>
</tr>
<tr>
<td>Optics</td>
<td>SMT LED’s</td>
</tr>
<tr>
<td>Consumption</td>
<td>80W max</td>
</tr>
<tr>
<td>Voltage</td>
<td>14V current controlled</td>
</tr>
<tr>
<td>Weight</td>
<td>4kg (8.8lbs)</td>
</tr>
<tr>
<td>Environmental</td>
<td>IP66</td>
</tr>
<tr>
<td>Temp Range</td>
<td>-50 to +50°C (-58 to 122°F)</td>
</tr>
<tr>
<td>Cable Length</td>
<td>2.5m</td>
</tr>
<tr>
<td>Colour</td>
<td>Silver</td>
</tr>
<tr>
<td>Wavelength</td>
<td>White-Light</td>
</tr>
<tr>
<td>Dimensions</td>
<td>280 x 195 x 66mm 11” x 8” x 3” approx</td>
</tr>
</tbody>
</table>

### POWER SUPPLY

- **Input:** Universal 100-240V AC auto-sensing
- **Output:** 80W max
- **Temperature:** -50 to +50°C (-58 to 122°F)
- **Weight:** 1.8kg (4lbs)
- **Dimensions:** 160mm x 160mm x 90mm 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

### BRACKETRY

U Bracket and Adaptive Illumination bracket included.

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### PART CODES & DISTANCES

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Codes</th>
<th>NARROW ANGLE</th>
<th>WIDE ANGLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>RL200-AI-10</td>
<td>RAYLUX 200, 10-20°</td>
<td>200m (656ft)</td>
<td>140m (459ft)</td>
</tr>
<tr>
<td>RL200-AI-30</td>
<td>RAYLUX 200, 30-60°</td>
<td>105m (344ft)</td>
<td>74m (241ft)</td>
</tr>
<tr>
<td>RL200-AI-50</td>
<td>RAYLUX 200, 50-100°</td>
<td>80m (262ft)</td>
<td>56m (184ft)</td>
</tr>
<tr>
<td>RL200-AI-120</td>
<td>RAYLUX 200, 120-180°</td>
<td>30m (98ft)</td>
<td>21m (69ft)</td>
</tr>
</tbody>
</table>

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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!