RAYMAX Fusion is a range of high performance Infra-Red illuminators designed specifically for low voltage installations. The illuminators provide class leading performance, long life and ultra low maintenance. They incorporate Raytec’s latest surface mount PLATINUM LED’s to deliver excellent night-time pictures with improved optical output and outstanding reliability.

The RAYMAX Fusion series has integrated Command and Control™ circuitry. Installation is quick and easy, requiring only a 12/24V AC/DC input.

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.

RAYMAX Fusion illuminators are supplied complete with bracket. Control features on the RAYMAX Fusion include adjustable power output, photocell and photocell adjust. RAYMAX 50 Fusion is suitable for all low light installations up to 40 metres (131ft).

**POWERFUL**
- Distances up to 40m (131ft)
- **PLATINUM®** LED technology
- High power - low running costs

**FLEXIBLE**
- 30, 50 or 120 degree variations
- Integrated Fusion PSU with 12/24V AC/DC input
- Command and Control technology™

**RELIABLE**
- 10 year life
- Active LED life control
- Vandal Resistant

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

**APPLICATIONS**
- Banking
- Hotels
- Car Park
- High End Residential
- Dumping
TECHNICAL SPECIFICATIONS

ILLUMINATOR & INTEGRATED PSU

Max Distance: up to 40m (131ft)
Angle: 30, 50 or 120 degrees
Optics: SMT LED’s
Consumption: 25W max
Input: 12/24V AC/DC
Voltage: 13.5V current controlled
Weight: 1.0kg (2.2lbs)
Environmental: IP66
Temp Range: -50 to +50˚C (-58 to 122°F)
Cable Length: 2.5m
Colour: Black
Wavelength: 850 or 940nm
Dimensions: 135 x 100 x 63mm
5.25” x 4” x 2.5” approx

INTEGRATED COMMAND AND CONTROL TECHNOLOGY

• Inbuilt Photocell for automatic on/off operation
• Photocell level adjust
• Power adjust from 10-100%
• Telemetry connection for remote operation

PART CODES & DISTANCES

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Wavelength</th>
<th>Distance</th>
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</thead>
<tbody>
<tr>
<td>RM50-F-30</td>
<td>RAYMAX 50 Fusion, 30°</td>
<td>850nm</td>
<td>40m (131ft)</td>
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<td>RM50-F-50</td>
<td>RAYMAX 50 Fusion, 50°</td>
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<td>28m (92ft)</td>
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<td>RM50-F-120</td>
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<td>RM50-F-30-C</td>
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<td>RAYMAX 50 Fusion, 50°</td>
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<tr>
<td>RM50-F-120-C</td>
<td>RAYMAX 50 Fusion, 120°</td>
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