

# rayLUX 200

## DIRECTIONAL WHITE-LIGHT

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 optical output and outstanding reliability, providing even illumination and excellent night time images for surveillance cameras and general area lighting.

The unique Adaptive Illumination™ concept provides the flexibility to alter the angle of illumination on site to suit the required lighting specification. The RAYLUX 200 provides a world class 'White-Light' output of 110lm/W at the LED source, and an independently tested luminaire output of 4700 lm at 80lm/w.

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 suitable for all low light installations up to 200m (656ft).



### ADAPTIVE ILLUMINATION™:

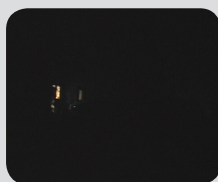


Narrow Angle



Wide Angle

### WHITE-LIGHT IN USE:



White-Light off



White-Light on

### POWERFUL

- Quick Start
- **PLATINUM<sup>®</sup>** 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

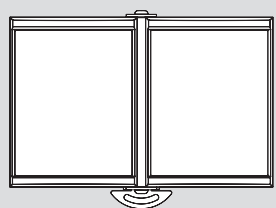
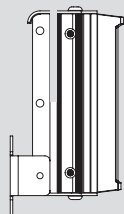
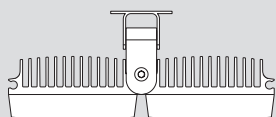
Version 3.2

### APPLICATIONS



rayTEC<sup>®</sup>

## TECHNICAL SPECIFICATIONS



### ILLUMINATOR

**Lumens:** Source 110 per watt  
lm/w – luminaire 80 lm/w

**Total lumens\*:** 4,700 per luminaire

**Max Distance:** up to 200m (656ft)

**Angle:** Various - See Part Codes

**Optics:** SMT LED's

**Consumption:** 80W max

**Voltage:** 14V current controlled

**Colour Temperature\*\*:** 6500k

**Colour Reproduction Index\*\*:** 74-80+

**Weight:** 4kg (8.8lbs)

**Environmental:** IP66

**Temp Range:** -50 to +50°C (-58 to 122°F)

**Cable Length:** 2.5m

**Colour:** Silver

**Wavelength:** White-Light

**Dimensions:** 280 x 195 x 66mm  
11" x 8" x 3" approx

### BRACKETRY

U Bracket and Adaptive Illumination bracket included.

### 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

#### Alternative PSU Options include:

PRO and PRO-IQ intelligent range of power supplies with multi function options including remote dimming.

\* Lumen output depends upon final lens selection. Lumen output shown based on average between 10 and 50 degree angles.

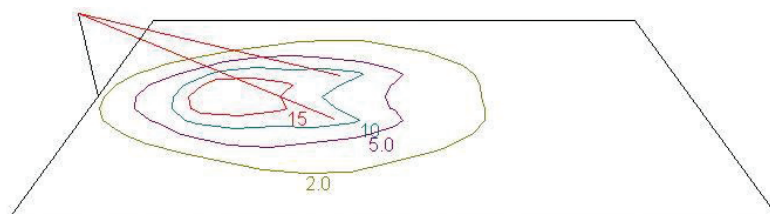
\*\* Cool White as standard - Warm White options available. CRI published reflects range between Cool and Warm White.

## 5 YEAR WARRANTY

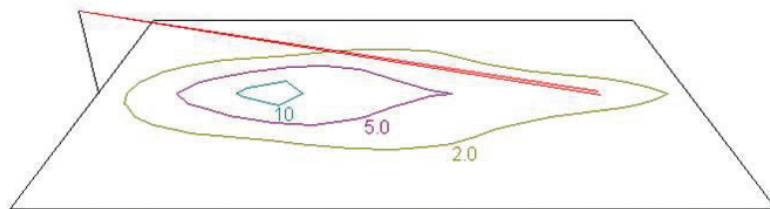
All Raytec CCTV illuminators are provided with a 5 year warranty, unmatched anywhere in the CCTV lighting industry. Raytec illuminators provide guaranteed long life!



## Examples of PHOTOMETRIC DIAGRAMS for RL200 (Full photometry available)



Area 25m x 45m  
6m mounting height  
RL200-AI-50 shown at a 70° setting



Area 25m x 45m  
6m mounting height  
RL200-AI-50 shown at a 50° setting

### PART CODES & DISTANCES

PART CODES & DISTANCES			NARROW ANGLE	WIDE ANGLE
RL200-AI-10	RAYLUX 200, 10-20°	AI, white-light + PSU	200m (656ft)	140m (459ft)
RL200-AI-30	RAYLUX 200, 30-60°	AI, white-light + PSU	105m (344ft)	74m (241ft)
RL200-AI-50	RAYLUX 200, 50-100°	AI, white-light + PSU	80m (262ft)	56m (184ft)
RL200-AI-120	RAYLUX 200, 120-180°	AI, white-light + PSU	30m (98ft)	21m (69ft)



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