

rayLUX 150

ULTIMATE ADAPTIVE ILLUMINATION

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 150 provides a world class 'White-Light' output of 110lm/W at the LED source, and an independently tested luminaire output of 4600 lm at 75lm/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 150 is suitable for all low light installations up to 150m (492ft).



POWERFUL

- Quick Start
- **PLATINUM[®]** LED technology
- 180° coverage up to 32m (105ft)
- 360° coverage with only 2 units

FLEXIBLE

- Ultimate 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

ULTIMATE ADAPTIVE ILLUMINATION™:



Narrow Angle



Wide Angle

WHITE-LIGHT IN USE:



White-Light off



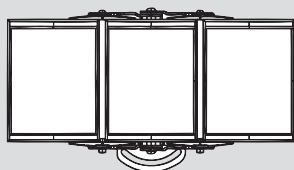
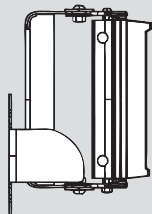
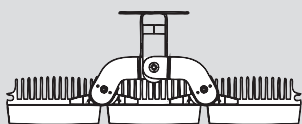
White-Light on

Version 3.2

APPLICATIONS



TECHNICAL SPECIFICATIONS



ILLUMINATOR

Lumens: Source 110 per watt
lm/w – luminaire 75 lm/w

Total lumens*: 4,600 per luminaire

Max Distance: up to 150m (492ft)

Angle: Various - See Part Codes

Optics: SMT LED's

Consumption: 75W max

Voltage: 14V current controlled

Colour Temperature:** 6500k

Colour

Reproduction Index:** 74-80+

Weight: 3.75kg (8.3lbs)

Environmental: IP66

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

Cable Length: 2.5m

Colour: Silver

Wavelength: White-Light

Dimensions: 315 x 135 x 55mm
12" x 5" x 2" 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: 120W max

Temperature: -50 to +50°C (-58 to 122°F)

Weight: 2.4kg (5.3lbs)

Dimensions: 240mm x 160mm x 81mm
9" x 6" x 3" 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.

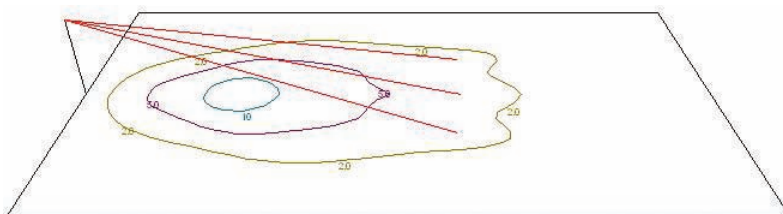
** Cool White as standard - Warm White options available. CRI published reflects range between Cool and Warm White.

5 YEAR WARRANTY

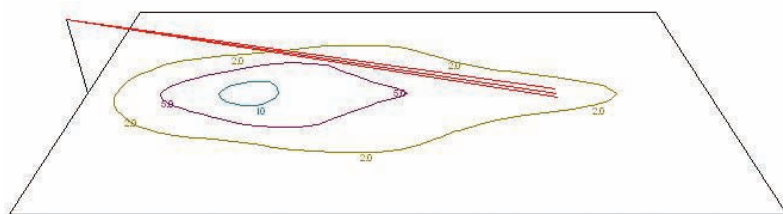
All RayLED CCTV illuminators are provided with a 5 year warranty, unmatched anywhere in the CCTV lighting industry. RayLED illuminators provide guaranteed long life!



Examples of PHOTOMETRIC DIAGRAMS for RL150 (Full photometry available)



Area 25m x 45m
6m mounting height
RL150-AI-50 shown at a 90° setting



Area 25m x 45m
6m mounting height
RL150-AI-50 shown at a 50° setting

PART CODES & DISTANCES

			NARROW ANGLE	WIDE ANGLE
RL150-AI-10	RAYLUX 150, 10-30 degree	AI, White-Light + PSU	150m (492ft)	84m (276ft)
RL150-AI-30	RAYLUX 150, 30-90 degree	AI, White-Light + PSU	80m (262ft)	46m (151ft)
RL150-AI-50	RAYLUX 150, 50-180 degree	AI, White-Light + PSU	55m (180ft)	32m (105ft)