

# rayLUX 25

## WHITE-LIGHT PRODUCT RANGE

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.

RAYLUX 25 is available in a number of different beam angles to provide a solution for any short range application. 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 25 is designed for low light installations up to 20m (66ft).

**RAYLUX 25 is also available with low voltage PSU.**



## POWERFUL

- Distances up to 20m (66ft)
- **PLATINUM<sup>6</sup>** LED technology
- High Power - Low Running Costs

## FLEXIBLE

- Various Angles (30, 50 or 120°)
- Fully Controllable Power Supply
- Optional Low Voltage PSU

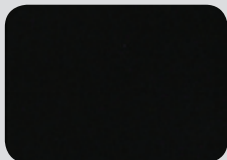
## RELIABLE

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

## CONTROLLED

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

## WHITE-LIGHT IN USE:



White-Light off



White-Light on

## APPLICATIONS





### ACTIVE LED LIFE CONTROL

All Rayled illuminators employ cutting edge materials science techniques to improve thermal efficiency throughout the unit and ensure continuity of LED power. The New Advanced Cool Running™ system draws heat away from the LEDs, shielding the LED from abnormal stress, and allows Rayled LED products to deliver outstanding performance and consistency of illumination throughout the operational life of the illuminator.



### PLATINUM ADVANCED SMT LED TECHNOLOGY

PLATINUM illuminators integrate cutting-edge SMT LED technology, light intensification miniature optics and an enhanced Cool Running™ thermal management system into a single high performance LED. The result is World leading power, reliability and flexibility.



### VANDAL RESISTANT

The polycarbonate lens design protects against severe blows from crowbars, baseball bats and can even withstand successive shots from air pistols and rifles (range dependant).



### ENERGY SAVING

All Rayled illuminators use high efficiency LED's and advanced control methods to deliver extremely low electrical consumption. Rayled illuminators are energy saving and deliver huge savings in running costs compared to traditional bulb illuminators.



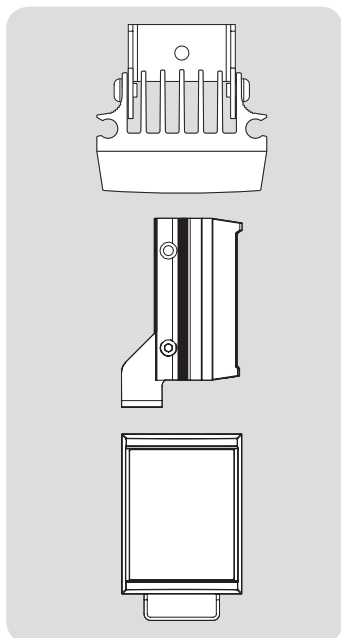
### HIGH DEFINITION LIGHTING

High Definition Lighting allows cameras to provide crystal clear, high signal images during the hours of darkness. The breakthrough in HD lighting is made possible with Rayled's high power LED technology delivering increased power on scene.

## 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!

## TECHNICAL SPECIFICATIONS



#### ILLUMINATOR

- Max Distance:* up to 20m (66ft)
- Angle:* Various - see part codes
- Optics:* SMT LED's
- Consumption:* 15W max
- Voltage:* 14V current controlled
- Weight:* 0.5kg (1.1lbs)
- Environmental:* IP66
- Temp Range:* -50 to +50°C (-58 to 122°F)
- Cable Length:* 2.5m
- Colour:* Silver
- Wavelength:* White-Light
- Dimensions:* 75 x 100 x 54mm  
3" x 4" x 2" approx

#### BRACKETRY

U Bracket included

#### POWER SUPPLY

- Input:* Universal 100-240V AC auto-sensing  
Low Voltage 12-24V option also available
- Output:* 15W max
- Temperature:* -50 to +50°C (-58 to 122°F)
- Weight:* 0.9Kg (2lbs)
- Dimensions:* 160mm x 120mm x 80mm  
6" x 5" x 3" 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 Rayled lights in sync with cameras.  
Power Adjustment  
Video In and Video Out connections to sync light and camera, 12V dc output to power cameras

#### PART CODES

|          |                 |                       |
|----------|-----------------|-----------------------|
| RL25-30  | RAYLUX 25, 30°  | AI, white-light + PSU |
| RL25-50  | RAYLUX 25, 50°  | AI, white-light + PSU |
| RL25-120 | RAYLUX 25, 120° | AI, white-light + PSU |

#### DISTANCES

|            |
|------------|
| 20m (66ft) |
| 14m (46ft) |
| 8m (26ft)  |