

# rayLUX PANORAMIC

300 AND 150 SERIES

## ULTRA WIDE ANGLE WHITE-LIGHT

The new series of RAYLUX White-Light Panoramic illuminators represent the latest development in ultra wide 180° illumination, for seamless, full scene CCTV images at night. Panoramic illuminators now offer a much better spread of light and longer illumination distances, making them perfect for wide angle, PTZ or 360° dome cameras covering large areas.

All Panoramic illuminators utilise holographic lens technology to spread and control the light, creating a softer and more even distribution. Panoramic units feature Hot-Spot Reduction Technology (HRT), directing the light where it is most needed to not only deliver longer illumination distances and minimise light waste, but also to provide full scene coverage without hot spots caused by over-exposure.

RAYLUX Panoramic illuminators incorporate the latest surface mount LED technology to deliver provide class leading performance and quick start lighting on demand, long life, energy efficiency and zero maintenance. Panoramic illuminators also feature an Adaptive Illumination™ system which allows the angle of illumination to be quickly and easily adjusted onsite anywhere from 60-180° to match the specific camera field of view.

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 300 and 150 series Panoramic illuminators are supplied with bracket and power supply. Control features on the power supply include adjustable power output, photocell and telemetry control. Panoramic lighting now makes high performance illumination for dome cameras more affordable, with longer distances than before.

## PANORAMIC IN USE:



White-Light off



White-Light on

## RAYLUX 300



## RAYLUX 150



## POWERFUL

- **PLATINUM** LED technology
- Seamless full scene illumination
- 180° coverage up to 51m (167ft)
- 360° coverage with only 2 units

## FLEXIBLE

- Ultimate Adaptive Illumination™
- Various Angles (60°-180°x25°)
- Fully Controllable Power Supply

## RELIABLE

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

## CONTROLLED

- HRT Hot-spot Reduction Technology
- Excellent Colour Rendition
- Even Output Illumination
- Low Running Costs

Version 4

## APPLICATIONS



## ENHANCED EVEN ILLUMINATION

Traditional Wide Angle Lighting



Panoramic Ultra Wide Angle Lighting

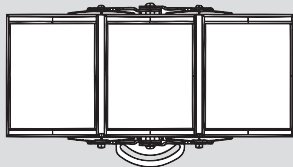
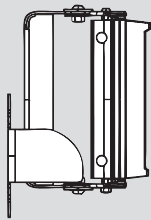
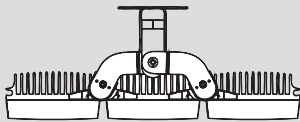


### 5 YEAR WARRANTY

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

<b>Lumens:</b>	300/150 series - Source 92 per watt 300 - series luminaire 54 lm/w 150 - series luminaire 59 lm/w
<b>Total lumens:</b>	300 series - 7,770 lm per luminaire 150 series - 5178 lm per luminaire
<b>Max Distance:</b>	300 series - 83m (272ft) 150 series - 68m (223ft)
<b>Angle:</b>	60-180 x25 °
<b>Optics:</b>	SMT LED's
<b>Consumption:</b>	300 series - 165W 150 series - 105W
<b>Voltage:</b>	14V current controlled
<b>Colour Temperature:</b>	5700k
<b>Colour</b>	
<b>Reproduction Index:</b>	68
<b>Weight:</b>	300 series - 6kg(13.2lbs) 150 series - 3.7kg (8.3lbs)
<b>Environmental:</b>	IP66
<b>Temp Range:</b>	-50 to +50°C (-58 to 122°F)
<b>Cable Length:</b>	2.5m
<b>Colour:</b>	Silver
<b>Wavelength:</b>	White-Light
<b>Dimensions:</b>	300 series - 420 x 195 x66mm - (16" x8" x 3" approx)  150 series - 315 x135 x55mm - (12" x 5" x2" approx)

### BRACKETRY

Large AI Circular bracket provided as standard on 300 series.  
AI Circular bracket provided as standard on 150 series.  
Optional pole mount and wall mount brackets available.

### POWER SUPPLY

<b>Input:</b>	Universal 100-230V AC auto-sensing
<b>Output:</b>	165W max
<b>Temperature:</b>	-50 to +50°C (-58 to 122°F)
<b>Weight:</b>	2.4kg (5.3lbs)
<b>Dimensions:</b>	240mm x 160mm x 81mm 9" x 6" x 3" approx

### Standard PSU (included)

Adjustable photocell  
Adjustable power output  
Telemetry Control

### PART CODES & DISTANCES

			NARROW ANGLE	WIDE ANGLE
RL300-AI-PAN	RAYLUX 300, Panoramic Illumination, 60-180°x25°	AI, White-Light + PSU	83m (272ft)	51m (167ft)
RL150-AI-PAN	RAYLUX 150, Panoramic Illumination, 60-180°x25°	AI, White-Light + PSU	68m (223ft)	41m (135ft)