

rayLUX URBAN_{UBF16}

MULTI-PURPOSE WHITE-LIGHT

The RAYLUX Urban white-light LED illuminators are purpose designed to deliver lighting for multi-purpose applications such as footpaths, car park and campus lighting as well as lighting for surveillance cameras. All Urban series illuminators use the very latest surface mount LEDs to deliver a powerful, crystal clear, white-light. Urban illuminators are highly efficient, low consumption and require zero maintenance, allowing installers to deliver significant electrical and CO₂ savings.

The RAYLUX Urban UBF series is designed to provide fixed angle illumination for highly targeted down lighting. 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 Urban delivers quick start illumination, with no warm up period required. Perfect for applications where 'on-demand' lighting is required

RAYLUX Urban illuminators are supplied as a complete head with power supply. Control features on the power supply include adjustable power output, photocell and telemetry control.



POWERFUL

- **PLATINUM[®]** LED technology
- High Power - Low Running Costs
- Quick start

FLEXIBLE

- Various angles (50° to 120°)
- Fully Controllable Power Supply

RELIABLE

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

CONTROLLED

- Excellent Colour Rendition
- Even Output Illumination
- Integrated Light Spill Shield

SINGLE HEAD
VERSION



MULTI HEAD
VERSION



APPLICATIONS



rayTEC[®]

TECHNICAL SPECIFICATIONS

ILLUMINATOR

<i>Lumens:</i>	Source 110 per watt lm/w – luminaire 60+ lm/w
<i>Total lumens:</i>	1,600
<i>Angle:</i>	Various - See Part Codes
<i>Optics:</i>	SMT LED's
<i>Consumption:</i>	25W max
<i>Voltage:</i>	14V current controlled
<i>Colour Temperature:</i>	6500K
<i>Colour</i>	
<i>Reproduction Index:</i>	74-80+
<i>Weight:</i>	2.5kg (excluding brackets)
<i>Environmental:</i>	IP66
<i>Temp Range:</i>	-50 to +50°C (-58 to 122°F)
<i>Photocell:</i>	Integrated into luminaire
<i>Cable Length:</i>	0.5m (plus 5m cable/photocell extension kit)
<i>Colour:</i>	Silver (Other RAL colours available)
<i>Wavelength:</i>	White-Light
<i>Dimensions:</i>	236mm x 215mm x 74mm 9" x 8" x 3" approx (inc. light spill shield)

POWER SUPPLY

<i>Input:</i>	Universal 100-240V AC auto-sensing
<i>Output:</i>	25W max
<i>Temperature:</i>	-50 to +50°C (-58 to 122°F)
<i>Weight:</i>	1.1kg
<i>Dimensions:</i>	300mm x 80mm x 55mm 12" x 3" x 2" approx

Standard PSU (included)

Adjustable photocell
Adjustable power output
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.

BRACKETRY

Wall, Top Stub and Hockey bracket options available. Contact Raytec

5 YEAR WARRANTY

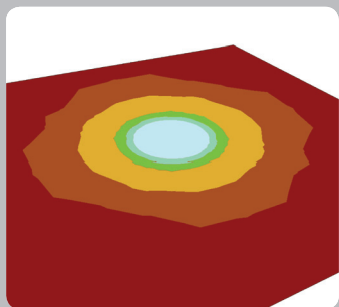
All Raytec LED illuminators are provided with a 5 year warranty.

Raytec LED illuminators provide guaranteed long life!

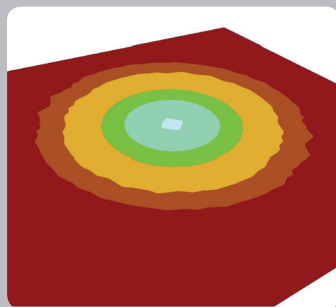
**5 YEAR
WARRANTY**

PHOTOMETRIC DIAGRAMS (Full photometry available)

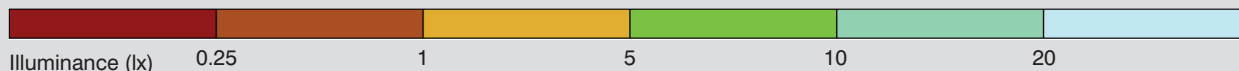
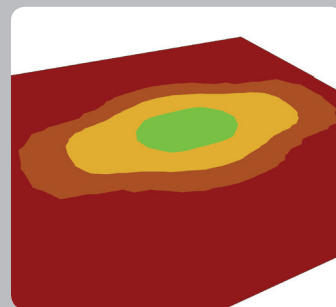
50 degree Example



120 degree Example



120 x 80 degree example



Notes: Height 5m. Maintenance factor 0.85. 120 x 80 degree unit read (H) as left to right plan view and vertical (V) front to back

PART CODES - FIXED ILLUMINATION

UBF-16-50	RAYLUX URBAN UBF-16, 25W Max, 50 degree, White-Light, inc PSU
UBF-16-120	RAYLUX URBAN UBF-16, 25W Max, 120 degree, White-Light, inc PSU
UBF-16-120H-80V	RAYLUX URBAN UBF-16, 25W Max, 120 Horizontal x 80 Vertical, White-Light, inc PSU



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