

# rayLUX URBAN<sub>UBF16</sub>

## 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 CO<sup>2</sup> 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<sup>®</sup>** 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



## TECHNICAL SPECIFICATIONS

### ILLUMINATOR

|                            |  |
|----------------------------|--|
| <i>Lumens:</i>             | Source 110 per watt<br>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<br>(Other RAL colours available)                                  |
| <i>Wavelength:</i>         | White-Light  |
| <i>Dimensions:</i>         | 236mm x 215mm x 74mm<br>9" x 8" x 3" approx<br>(inc. light spill shield) |

### POWER SUPPLY

|                     |   |
|---------------------|---|
| <i>Input:</i>       | Universal 100-240V AC<br>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<br>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

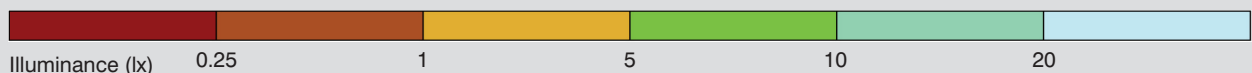
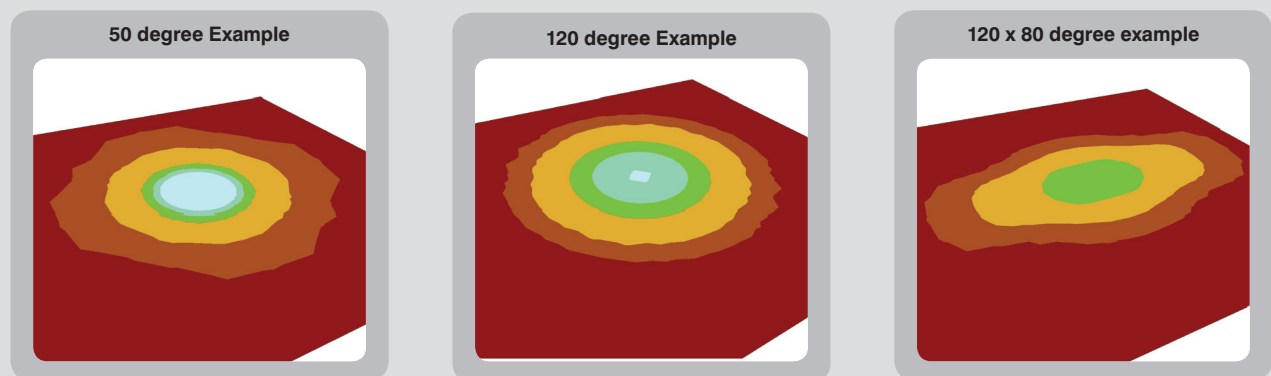
## 5 YEAR WARRANTY

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

Raytec LED illuminators provide guaranteed long life!



### PHOTOMETRIC DIAGRAMS (Full photometry available)



**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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