

# SM 60UB LED STREET LIGHT UNDER BRIDGE

WORLDWIDE POWERED

ACTIVE POWER FACTOR CORRECTION (PFC)

ADAPTIVE ROTATION INSTALLATION FRAME, RETROFIT WISE

LEDs – 160 LM/W

ASYMMETRIC LENSES

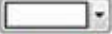




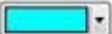



SIDE POSITION FOR NOT LIMITING HEIGHT OF VEHICLES

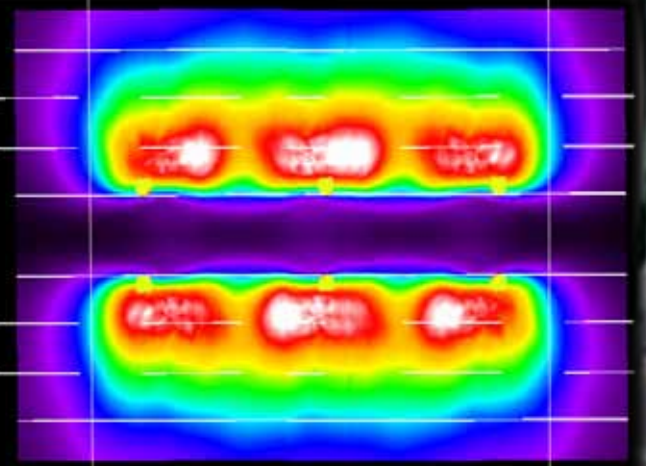
AUTOMATIC ECONOMY LATE NIGHT DIMMING \*

## SM 60UB

- HIGH ENERGY EFFICIENCY
- NO MAINTENANCE COSTS
- LONG LIFECYCLE
- HIGH QUALITY AREA ILLUMINATION
- ERGONOMICAL – CLOSE TO NATURAL LIGHT
- ECOLOGICAL – MERCURY AND LEAD FREE

### False Colours illuminances

|   |       |
|---|-------|
|  | 32 lx |
|  | 28 lx |
|  | 24 lx |
|  | 20 lx |
|  | 16 lx |
|  | 12 lx |
|  | 8 lx  |
|  | 4 lx  |
|  | 0 lx  |



# SM 60UB



## SPECIFICATIONS

|                                   |                |
|-----------------------------------|----------------|
| AC Input Voltage                  | 90 ÷ 305 V AC  |
| DC Input Voltage                  | 127 ÷ 431 V DC |
| Mains Frequency                   | 47 ÷ 63 Hz     |
| Power Factor (PF) at 230 V        | min 95 %       |
| Power Factor (PF) at 115 V        | min 98 %       |
| LED Power Dissipation             | 56.7 W         |
| Power Efficiency                  | 90 %           |
| Total Power Dissipation           | 63 W           |
| LED Light Output                  | 160 lm/W       |
| Current Efficiency                | 81 %           |
| LED Luminous Flux                 | 7 394 lm       |
| Junction Temperature at Ta = 25°C | 70°C           |
| Thermal Efficiency                | 91 %           |
| Lens Efficiency                   | 92 %           |
| Real Luminaire Efficacy (LER)     | 98 lm/W        |
| Color Rendering Index (CRI)       | 65 ÷ 80        |
| Real Lamp Luminous Flux for:      |                |
| Cool White (CRI 65)               | 6 190 lm       |
| Neutral White (CRI 75)            | 5 740 lm       |
| Warm White (CRI 80)               | 4 860 lm       |
| Operating Temperature             | - 40° ÷ +45°C  |
| Operating Humidity                | 10 ÷ 95 % RH   |
| Lifespan L70                      | > 160 000 h    |
| Ingress protection rating         | IP 65          |
| Electrical Safety Class           | Class II       |
| Polycarbonate optical cover       | optional       |

## MECHANICAL CONSTRUCTION

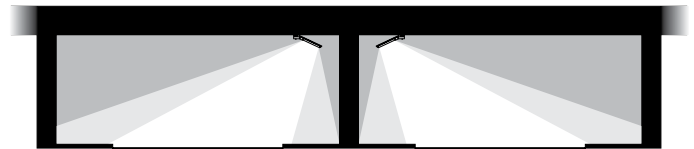
|                                    |                     |
|------------------------------------|---------------------|
| Marine Grade Aluminium Alloy Body  |                     |
| Stainless Steel Rotation Mechanism | 115° (- 90° ÷ +15°) |
| Dimensions                         | 530 x 180 x 80 mm   |
| Weight                             | 3,6 kg              |

- \* OPTIONAL Late night dimming:  
50 % illuminance decreasing after 4 hours till 1 h before dawn;  
Optional illuminance decreasing – 20 ÷ 90 %;  
Optional dimming start – 2 ÷ 8 hours;  
Optional dimming stop – 0.5 ÷ 3 h before dawn.

## Under Bridge

L = 12 m; H = 6 m; b = 25°

- L – Distance between the light sources
- H – Height of the light source above the ground
- b – Luminaire tilt angle



C E EN61000-6-3:1997, EN61000-6-1:1997  
Quality Assurance ISO 9001:2000; AQAP 2110



**AURA Network Corporation Ltd.**  
77 Goulde House, Bullen Street,  
London SW11 3HQ, England, UK

T: +44 (0) 8450556303 M: +44 (0) 7947863888  
T: +44 (0) 8450556305 E: welcome@auracorporation.net  
F: +44 (0) 8458331067 www.auracorporation.net