



CityStar

BRP333 LED110 CW R5C FG PSU S1

CityStar is a state-of-the-art LED luminaire at a surprisingly affordable price. Building on the strengths of best choice of LEDs and Electronics, this set of luminaire is designed to provide a cost-effective solution to those looking to reduce energy costs. CityStar offers all the advantages of LED lighting, without the high cost associated with this technology. The CityStar range is the perfect solution for replacing luminaires fitted with high-pressure sodium, metal halide and other HID lamps. Concept CityStar is composed of a high-pressure, die-cast aluminium body, universal fixation and a polycarbonate protector with integrated lenses. For optimized heat dissipation, the electronic components and the LED engine are in separate compartments. The body integrates cooling fins to maintain performance in the long term. Available in five different sizes CityStar is a very efficient LED lighting solution for streets, roads and any other outdoor environments where it is crucial to maximize energy savings.

Warnings and Safety

- Class I Protection

Product data

| General Information | |
|--------------------------|---------|
| Driver included | Yes |
| Light source engine type | LED |
| Warranty period | 3 years |

| Light Technical | |
|------------------------------------|---------------|
| Luminous Flux | 11,000 lm |
| Correlated Color Temperature (Nom) | 5700 K |
| Luminous Efficacy (rated) (Nom) | 120 lm/W |
| Color rendering index (CRI) | >70 |
| Beam angle of light source | 120 degree(s) |

| | |
|-----------------------------|-----------------------------|
| Light source color | 757 cool white |
| Luminaire light beam spread | 130° x 88° |
| Optic type outdoor | Distribution Symmetric Wide |

| Operating and Electrical | |
|--------------------------|----------------|
| Input Voltage | 140-270 V |
| Line Frequency | 50 Hz |
| Power Consumption | 90 W |
| Power Factor (Fraction) | 0.95 |
| Protection class IEC | Safety class I |

| | |
|---|--|
| Surge Protection (Common/Differential) | 4/4 kV kV |
| Controls and Dimming | |
| Dimmable | No |
| Control interface | - |
| Mechanical and Housing | |
| Housing Material | Aluminium pressure die cast |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Housing Color | Aluminum and gray |
| Mounting device | Spigot for diameter 34 to 76 mm |
| Material | Aluminum |
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK07 [2 J reinforced] |
| Optical cover type | Polycarbonate |
| Net Weight (Piece) | 2.500 kg |
| Approval and Application | |
| Flammability mark | For mounting on normally flammable surfaces |

| | |
|--|--------------------------------|
| Ambient temperature range | -10 to +50 °C |
| Initial Performance (IEC Compliant) | |
| Power consumption tolerance | +/-10% |
| Over Time Performance (IEC Compliant) | |
| Median useful life L70B50 | 50,000 hour(s) |
| Product Data | |
| Order product name | BRP333 LED110 CW R5C FG PSU S1 |
| Full product name | BRP333 LED110 CW R5C FG PSU S1 |
| Order code | 919515815624 |
| Material Nr. (12NC) | 919515815624 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 4 |

Dimensional drawing

