



CityStar

BRP335 LED180 CW R5C FG PSU S1 SPD

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 |
| Flammability mark | For mounting on normally flammable surfaces |

| Light Technical | |
|------------------------------------|--------------|
| Luminous Flux | 18,000 lumen |
| 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 |
| Optical cover type | Polycarbonate |
| 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 | 150 W |

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|---------------------------------|--|
| Power Factor (Fraction) | 0.95 |
| Temperature | |
| Ambient temperature range | -10 to +50 °C |
| 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 |
| Approval and Application | |
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |

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|--|------------------------------------|
| Mech. impact protection code | IK07 [2 J reinforced] |
| Surge Protection (Common/Differential) | 4/4 kV |
| Protection class IEC | Safety class I |
| 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 | BRP335 LED180 CW R5C FG PSU S1 SPD |
| Order code | 919515815629 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 2 |
| Material Nr. (12NC) | 919515815629 |
| Full product name | BRP335 LED180 CW R5C FG PSU S1 SPD |

Dimensional drawing

