



# CityStar

## BRP331 LED54 CW R5N PC 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                |   | Operating and Electrical    |                             |
|------------------------------------|---|-----------------------------|-----------------------------|
| Driver included                    | Yes   | Beam angle of light source  | 120 degree(s)               |
| Light source engine type           | LED   | Light source color          | 757 cool white              |
| Warranty period                    | 3 years                                     | Optical cover type          | Polycarbonate               |
| Flammability mark                  | For mounting on normally flammable surfaces | Luminaire light beam spread | 130° x 88°                  |
| Light Technical                    |   | Optic type outdoor          | Distribution Symmetric Wide |
| Luminous Flux                      | 5,400 lumen                                 | Input Voltage               | 140-270 V                   |
| Correlated Color Temperature (Nom) | 5700 K                                      | Line Frequency              | 50 Hz                       |
| Luminous Efficacy (rated) (Nom)    | 120 lm/W                                    | Power Consumption           | 45 W                        |
| Color rendering index (CRI)        | >70   |                             |                             |

|                                 |  |
|---------------------------------|--|
| Power Factor (Fraction)         | 0.95   |
| <b>Temperature</b>              |  |
| Ambient temperature range       | -10 to +50 °C                                |
| <b>Controls and Dimming</b>     |  |
| Dimmable                        | No   |
| Control interface               | -  |
| <b>Mechanical and Housing</b>   |  |
| 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 42 mm              |
| Material                        | Aluminum                                     |
| <b>Approval and Application</b> |  |
| Ingress protection code         | IP66 [Dust penetration-protected, jet-proof] |

|  |                               |
|--|-------------------------------|
| Mech. impact protection code                 | IK07 [2 J reinforced]         |
| Surge Protection (Common/Differential)       | 4/4 kV                        |
| Protection class IEC                         | Safety class I                |
| <b>Initial Performance (IEC Compliant)</b>   |                               |
| Power consumption tolerance                  | +/-10%                        |
| <b>Over Time Performance (IEC Compliant)</b> |                               |
| Median useful life L70B50                    | 50,000 hour(s)                |
| <b>Product Data</b>                          |                               |
| Order product name                           | BRP331 LED54 CW R5N PC PSU S1 |
| Order code                                   | 919515815529                  |
| Numerator - Quantity Per Pack                | 1                             |
| Numerator - Packs per outer box              | 10                            |
| Material Nr. (12NC)                          | 919515815529                  |
| Full product name                            | BRP331 LED54 CW R5N PC PSU S1 |

Dimensional drawing

