



# CityStar

## BRP335 LED180 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	18,000 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)

  

Operating and Electrical	
Light source color	757 cool white
Luminaire light beam spread	130° x 88°
Optic type outdoor	Distribution Symmetric Wide
Input Voltage	140-270 V
Line Frequency	50 Hz
Power Consumption	150 W
Power Factor (Fraction)	0.95
Protection class IEC	Safety class I

<b>Surge Protection (Common/Differential)</b>	4/4 kV kV
<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 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)	3.200 kg
<b>Approval and Application</b>	
Flammability mark	For mounting on normally flammable surfaces

<b>Ambient temperature range</b>	-10 to +50 °C
<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	BRP335 LED180 CW R5C FG PSU S1
Full product name	BRP335 LED180 CW R5C FG PSU S1
Order code	919515815626
Material Nr. (12NC)	919515815626
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing

