



# CityStar

## BRP330 LED24 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	
Driver included	Yes
Light source engine type	LED
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces

Light Technical	
Luminous Flux	2,400 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	20 W

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	BRP330 LED24 CW R5N PC PSU S1
Order code	919515815524
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	919515815524
Full product name	BRP330 LED24 CW R5N PC PSU S1

Dimensional drawing

