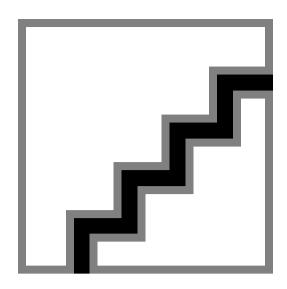
PHILIPS Lighting



CityStar

BRP331 LED48 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

Driver included Yes Light source engine type LED	
Light source engine type LED	
Warranty period 3 years	
Flammability mark For mounting on norma	ly flammable surfaces

Light Technical	
Luminous Flux	4,800 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	40 W

CityStar

Power Factor (Fraction)	0.95	Mech. impact protection code	IK07 [2 J reinforced]
		Surge Protection (Common/Differential)	4/4 kV
Temperature		Protection class IEC	Safety class I
Ambient temperature range	-10 to +50 °C		
		Initial Performance (IEC Compliant	:)
Controls and Dimming		Power consumption tolerance	+/-10%
Dimmable	No		
Control interface	-	Over Time Performance (IEC Compliant)	
		Median useful life L70B50	50,000 hour(s)
Mechanical and Housing			
Housing Material	Aluminium pressure die cast	Product Data	
Optic material	Polycarbonate	Order product name	BRP331 LED48 CW R5N PC PSU S1
Optical cover material	Polycarbonate	Order code	919515815528
Housing Color	Aluminum and gray	Numerator - Quantity Per Pack	1
Mounting device	Spigot for diameter 34 to 42 mm	Numerator - Packs per outer box	10
Material	Aluminum	Material Nr. (12NC)	919515815528
		Full product name	BRP331 LED48 CW R5N PC PSU S1
Approval and Application			
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]		

Dimensional drawing



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www.lighting.philips.com 2023, April 15 - data subject to change