



SmartBright Street BRP042

BRP042 LED 19 CW MR S1 PSU GR

Smartbright LED is a sleek elegant & finless design innovative streetlight with best in class energy efficiency. Ease of maintenance with dual optics makes it unique and differentiated from others. Smartbright uses High efficacy driver and LED platform to ensure higher energy saving and reliable operation over committed lifetime.

Smartbright LED Luminaire is a high pressure die-cast IK 07 rated housing, ensuring high strength and safety on the pole. The solid die-cast aluminum also has excellent heat dissipation, extending the life of the components inside. The multiple lumen packs and optics makes it optimum for the B2 category of Roads.

Warnings and Safety

- Meant for use in Outdoor applications

Product data

General Information		Optic type outdoor	
Driver included	Yes		Asymmetrical axis angle 60° wide beam
Light source engine type	LED	Operating and Electrical	
Warranty period	2 years	Input Voltage	120 to 277 V
Light Technical		Line Frequency	50 Hz
Luminous Flux	95 lm	Power Consumption	20 W
Correlated Color Temperature (Nom)	5700 K	Power Factor (Fraction)	0.95
Luminous Efficacy (rated) (Nom)	1,900 lm/W	Protection class IEC	Safety class I
Color rendering index (CRI)	>70	Surge Protection (Common/Differential)	Surge protection level until 4 kV
Beam angle of light source	60 degree(s)	Controls and Dimming	
Light source color	857 daylight	Dimmable	No
Optic type	Assymetric Beam angle 60°	Control interface	-
Luminaire light beam spread	60°		

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Mechanical and Housing

Housing Material	Aluminum die cast
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	Gray
Mounting device	Pole Mounting
Material	Aluminum
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Optical cover type	Polycarbonate
Net Weight (Piece)	0.800 kg

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
Ambient temperature range	0 to +35 °C

Initial Performance (IEC Compliant)

Initial chromaticity	<5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50,000 hour(s)
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Product Data

Order product name	BRP042 LED 19 CW MR S1 PSU GR
Full product name	BRP042 LED 19 CW MR S1 PSU GR
Order code	919515811469
Material Nr. (12NC)	919515811469
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10

Dimensional drawing

Product: SmartBright Street BRP042
Type: BRP042
Application: Street Lighting Solution

