



StreetStar BRP215

BRP215 LED35/NW 27W 220-240V DW3 MP1

StreetStar BRP215, 3500 lm, 27 W, 33 neutral white, Distribution wide version 3, Safety class I, Wall-mounting bracket

The Philips StreetStar LED luminaire brings outstanding light quality, visual comfort and safety to local road and residential lighting projects. An optimized and reliable solution that helps maximize operations and maintenance savings, this luminaire is the perfect combination of performance, features and lasting value. StreetStar offers a perfect fit for one-to-one retrofit projects. It provides crisp, brilliant light that surpasses existing HID and fluorescent luminaire performance while offering a long lifespan. Backed by the Philips reliability promise, StreetStar ensures mechanical strength and excellent thermal performance, providing continuous operation and unparalleled safety and protection. StreetStar is the perfect cost-effective solution for any city, municipality or utility lighting project that requires optimum quality, performance, and low maintenance.

Product data

General Information			
Lamp family code	LED35 [LED module 3500 lm]	useful life (B50) value also represents the B10 value.	
Light source replaceable	No	Light source engine type	LED
Number of gear units	Unit	CE mark	CE mark
Gear	EB [Electronic]	Warranty period	3 years
Driver included	Yes	Flammability mark	-
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median	ENEC mark	-
		EU RoHS compliant	Yes
		Light Technical	
		Upwards light output ratio	0.2
		Luminous Flux	3,500 lm

StreetStar BRP215

Standard tilt angle post-top	0°
Standard tilt angle side entry	-
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	130 lm/W
Colour rendering index (CRI)	80
Light source colour	33 neutral white
Optical cover type	Acrylate micro-lens optic
Luminaire light beam spread	-
Optic type outdoor	Distribution wide version 3

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Average CLO power consumption	27 W
Inrush current	4.2 A
Inrush time	0.07 ms
Power Consumption	27 W
Power Factor (Fraction)	0.95
Connection	External connector
Cable	Cable 0.5 m with cable connector
Number of products on MCB of 16 A type B	40

Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

Mechanical and Housing

Housing material	Aluminium die cast
Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Housing Colour	Aluminium and grey
Mounting device	Wall-mounting bracket
Optical cover/lens shape	Flat

Optical cover/lens finish	Clear
Overall length	350 mm
Overall width	159 mm
Overall height	57 mm
Effective projected area	0.055 m²
Dimensions (height x width x depth)	57 x 159 x 350 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level up to 10 kV differential mode and 10 kV common mode
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.374, 0.369) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Order product name	BRP215 LED35/NW 27W 220-240V DW3 MP1
Full product name	BRP215 LED35/NW 27W 220-240V DW3 MP1
Full EOC	871016331098500
Order code	31098500
Material no. (12 NC)	911401663203
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8710163310985
Numerator – packs per outer box	1
EAN/UPC – Case	8710163310985

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Dimensional drawing

