



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]
Light source replaceable	No
Number of gear units	Unit
Gear	EB [Electronic]
Driver included	Yes
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

	useful life (B50) value also represents the B10
	value.
Light source engine type	LED
CE mark	CE mark
Warranty period	3 years
Flammability mark	-
ENEC mark	-
EU RoHS compliant	Yes
Light Technical	
Upwards light output ratio	0.2
Luminous Flux	3,500 lm

Datasheet, 2023, April 29 data subject to change

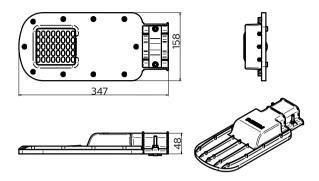
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Standard tilt angle post-top	0°
Standard tilt angle side entry	-
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	130 lm/W
Colour rendering index (CRI)	80
Light source colour	33 neutral white
Optical cover type	Acrylate micro-lens 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	40
В	
Temperature	
Ambient temperature range	-40 to +50 °C
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/tens snape	

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 Compl	iant)
Control gear failure rate at median useful	5 %
life 50,000 h	
Lumen maintenance at median useful	L80
life* 50,000 h	
Application Conditions	
Performance ambient temperature Tq	
	25 ℃
Maximum dim level	25 °C Not applicable
Maximum dim level	
Product Data	
	Not applicable
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Product Data Order product name Full product name Full EOC	Not applicable BRP215 LED35/NW 27W 220-240V DW3 MP1 BRP215 LED35/NW 27W 220-240V DW3 MP1 871016331098500
Product Data Order product name Full product name Full EOC Order code	Not applicable BRP215 LED35/NW 27W 220-240V DW3 MP1 BRP215 LED35/NW 27W 220-240V DW3 MP1 871016331098500 31098500
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Dimensional drawing





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