



Your streets, your star

StreetStar BRP215

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.

Benefits

- Cost-effective LED solution: limited investment and low-power LED lighting with a long lifespan to deliver significant cost savings
- High product quality and robust design, backed by Philips quality standards to ensure durability and functionality
- Easy to install; compact design for quick and easy point-to-point replacement of fluorescent and HID street lights

Features

- 2,300 to 3,400 lumen package (4000 K) with DW3 wide-beam optics for crisp, brilliant light
- Compact, high-pressure die-cast housing to ensure mechanical strength and good thermal performance
- Rated for IP66 and IK08 protection to ensure continuous operation
- Pre-wired power cable and assembly of input connector for easy and safe installation
- Lifespan of up to 50,000 hours thanks to mid-power LED and 10 kV surge protection

StreetStar BRP215

Application

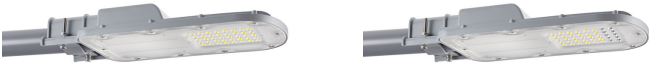
- Commercial areas
- Parks and gardens
- Squares, plazas
- Residential areas

Specifications

Type	BRP215
Light source	Integral LED-module
Power	18 W (BRP215 LED23 version) 27 W (BRP215 LED34 version)
Luminous flux	2300 lm (BRP215 LED23 version) 3400 lm (BRP215 LED34 version)
Luminaire efficacy	125 lm/W
Correlated Color	4000 K
Temperature	
Color Rendering Index	75
Useful life	50,000 hours 70% lumen maintenance at 35 °C ambient
Operating temperature range	-40 < Ta < 55 °C

Driver	Separate (non-self ballasted LED-module)
Mains voltage	220-240 V / 50-60 Hz
Inrush current	4,2 A
Optic	Multilayer DW3 optic (IP66 integrated lens)
Material	Housing: high-pressure die-cast aluminum Lens: polycarbonate
Color	RAL7040
Installation	Side entry; pole, Ø 42-60 mm Power input cable (0,5 m) and connector (IP66) assembly included Check mounting intructions for details Recommended mounting height: 4 - 8 m

Versions



Product details



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Application Conditions	
Maximum dim level	Not applicable
Approval and Application	
Mech. impact protection code	IK08
Surge Protection (Common/Differential)	Surge protection level until 10 kV
Controls and Dimming	
Dimmable	no
General Information	
Luminaire light beam spread	-
CE mark	CE mark
Light source colour	33 neutral white
Optical cover/lens type	AC-MLO
Driver included	Yes
ENEC mark	-
Flammability mark	NO
Gear	EB
Light source replaceable	No
Number of gear units	1 unit
Optic type	Distribution wide version 3
Initial Performance (IEC Compliant)	
Init. Corr. Colour Temperature	4000 K
Init. Colour Rendering Index	80
Light Technical	
Standard tilt angle side entry	-
Standard tilt angle posttop	0°
Upward light output ratio	0.2
Mechanical and Housing	
Colour	Aluminium and Grey

General Information

Order Code	Full Product Name	Lamp family code
31098500	BRP215 LED35/NW 27W 220-240V DW3 MP1	LED35
31099200	BRP215 LED24/NW 18W 220-240V DW3 MP1	LED24

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux	Order Code	Full Product Name	Initial luminous flux
31098500	BRP215 LED35/NW 27W 220-240V DW3 MP1	3500 lm	31099200	BRP215 LED24/NW 18W 220-240V DW3 MP1	2400 lm

