



Helios LED – contemporary design combined with LED efficiency

Helios LED

Helios LED allows significant energy savings while retaining the existing style of light fixture, for instance in renovation projects. With a design symbolizing the Olympic flame, the luminaire is a highly decorative element that will enhance any city space. Helios LED delivers comfortable indirect white light without glare, thanks to the internal optical diffuser, and offers the latest possibilities for dimming.

Benefits

- Visual comfort – no glare
- Energy-saving LED solution

Features

- Comfortable white light
- Compatible with contemporary lighting controls
- Impact-resistant materials
- Decorative design

Application

- Residential areas
- Shopping areas
- Public squares and parks
- Parking areas
- Cycle and foot paths

Specifications

Helios LED

Type	BPS900
Light source	Integral LED-module
Power	35 up to 53 W depending on configuration
Luminous flux	1998 up to 3015 lm
Luminaire efficacy	Up to 62.2 lm/W
Correlated Color	Warm White: 3000 K
Temperature	Neutral White: 4000 K
Color Rendering Index	>80
Lumen maintenance at median useful life*	min L80
50000 h	
Control gear failure rate at median useful life	5%
50000 h	
Performance Ambient Temperature Tq	+25 °C
Operating temperature range	-30 to +25 °C
Driver	Built-in (self ballasted LED-module)

Mains voltage	220-240 V / 50-60 Hz
Inrush current	80 A / 150 µs
Dimming	LumiStep
	DynaDimmer
	AmpDim
	StarSense RF
Controls system input	1-10 V
Optic	Symmetrical
Optical element	Diffuser element
Material	Housing: polycarbonate, clear
	Cover and mast interface: aluminum
	Diffuser: PMMA
Color	Cover and mast interface: gray (GR)
Maintenance	Tools needed to install luminaire
Installation	Post-top or wall-bracket mounting Ø 166 mm mast, delivered with 4 m pre-mounted cable
	Recommended mounting height: 3-4.5 m
	Standard tilt angle post top: 0°
	Max SCx: 0.21 m²

Versions



Helios LED BPS900 pedestrian luminaire

Accessories



Helios HPS900 urban lighting luminaire with ZPS900 wall-mounting bracket (MBW), to be ordered separately

Ordercode 919008610561

Approval and Application

Mech. impact protection code	IK10
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Controls and Dimming

Dimmable	Yes
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General Information

CE mark	CE mark
Optical cover/lens type	Polycarbonate bowl/cover clear
Driver included	Yes
Light source replaceable	Yes
Number of light sources	1 pc
Product Family Code	BPS900

Initial Performance (IEC Compliant)

Init. Color Rendering Index	83
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Light Technical

Standard tilt angle side entry	0°
Standard tilt angle posttop	0°

Mechanical and Housing

Color	Gray
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General Information

Order Code	Full Product Name	Light source color	Lamp family code
919008630610	BPS900 GRN45/830 GR CLO-DDF6 166P C4K	830 warm white	GRN45
919008630620	BPS900 GRN49/840 GR CLO-DDF6 166P C4K	840 neutral white	GRN49
919008630630	BPS900 GRN30/830 GR CLO-DDF6 166P C4K	830 warm white	GRN30
919008630640	BPS900 GRN34/840 GR CLO-DDF6 166P C4K	840 neutral white	GRN33
919008630699	BPS900 GRN49/840 GR CLO 166P C4K	840 neutral white	GRN49

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature
919008630610	BPS900 GRN45/830 GR CLO-DDF6 166P C4K	3000 K
919008630620	BPS900 GRN49/840 GR CLO-DDF6 166P C4K	4000 K
919008630630	BPS900 GRN30/830 GR CLO-DDF6 166P C4K	3000 K

Order Code	Full Product Name	Init. Corr. Color Temperature
919008630640	BPS900 GRN34/840 GR CLO-DDF6 166P C4K	4000 K
919008630699	BPS900 GRN49/840 GR CLO 166P C4K	4000 K

