



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* 50000 h	min L80
Control gear failure rate at median useful life 50000 h	5%
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

Helios LED

Approval and Application

Mech. impact protection code IK10

Controls and Dimming

Dimmable Yes

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

Light Technical

Standard tilt angle side entry 0°

Standard tilt angle posttop 0°

Mechanical and Housing

Color Gray

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

