



# Helios LED

## BPS900 GRN45/830 GR CLO-DDF6 166P C4K

Helios LED, LED GreenLine 4500 lm

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.

### Product data

General Information		Light Technical	
Lamp family code	GRN45 [LED GreenLine 4500 lm]	Standard tilt angle posttop	0°
Light source replaceable	Yes	Standard tilt angle side entry	0°
Driver included	Yes	Correlated Color Temperature (Nom)	3000 K
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.	Color rendering index (CRI)	83
Product family code	BPS900 [Helios LED]	Number of light sources	1
Lighting Technology	LED	Light source color	830 warm white
CE mark	Yes	Optical cover type	Polycarbonate bowl/cover clear
ENEC mark	-	Operating and Electrical	
EU RoHS compliant	No	Input Voltage	220 to 240 V
Embedded control	Constant light output and DynaDimmer fixed presets version 6	Line Frequency	50 to 60 Hz
		Cable	Cable 4.0 m without plug
		Temperature	
		Ambient temperature range	-30 to +25 °C
		Controls and Dimming	
		Dimmable	Yes
		Driver/power unit/transformer	Power supply unit regulating

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Control interface	-
Constant light output	Yes

Mechanical and Housing

Housing Material	Aluminum
Housing Color	Grey
Mounting device	Post-top for diameter 166 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Init. Color Rendering Index Tolerance	+/-2
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Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
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Lumen maintenance at median useful life* 50000 h	L100
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Application Conditions

Performance ambient temperature Tq	25 °C
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Product Data

Order product name	BPS900 GRN45/830 GR CLO-DDF6 166P C4K
Full product name	BPS900 GRN45/830 GR CLO-DDF6 166P C4K
Full product code	871829198951600
Order code	919008630610
Material Nr. (12NC)	919008630610
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291989516
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291989516

Dimensional drawing

