



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

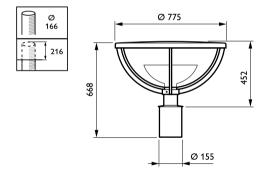
General Information		
Lamp family code	GRN45 [LED GreenLine 4500 lm]	
Light source replaceable	Yes	
Driver included	Yes	
Remarks	*-Per Lighting Europe guidance paper	
	"Evaluating performance of LED based	
	luminaires - January 2018": statistically there is	
	no relevant difference in lumen maintenance	
	between B50 and for example B10. Therefore,	
	the median useful life (B50) value also	
	represents the B10 value.	
Product family code	BPS900 [Helios LED]	
Lighting Technology	LED	
CE mark	Yes	
ENEC mark	-	
EU RoHS compliant	No	
Embedded control	Constant light output and DynaDimmer fixed	
	presets version 6	

Light Technical		
Standard tilt angle posttop	0°	
Standard tilt angle side entry	0°	
Correlated Color Temperature (Nom)	3000 K	
Color rendering index (CRI)	83	
Number of light sources	1	
Light source color	830 warm white	
Optical cover type	Polycarbonate bowl/cover clear	
Operating and Electrical		
Input Voltage	220 to 240 V	
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	-	Lumen maintenance at median useful	L100
Constant light output	Yes	life* 50000 h	
Mechanical and Housing		Application Conditions	
Housing Material	Aluminum	Performance ambient temperature Tq	25 ℃
Housing Color	Grey		
Mounting device	Post-top for diameter 166 mm	Product Data	
		Order product name	BPS900 GRN45/830 GR CLO-DDF6 166P C4K
Approval and Application		Full product name	BPS900 GRN45/830 GR CLO-DDF6 166P C4K
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	Full product code	871829198951600
Mech. impact protection code	IK10 [20 J vandal-resistant]	Order code	919008630610
Protection class IEC	Safety class II	Material Nr. (12NC)	919008630610
		Numerator - Quantity Per Pack	1
Initial Performance (IEC Compliant)		EAN/UPC - Product/Case	8718291989516
Init. Color Rendering Index Tolerance	+/-2	Numerator - Packs per outer box	1
		EAN/UPC - Case	8718291989516
Over Time Performance (IEC Com	pliant)		
Control gear failure rate at median	5 %		
useful life 50000 h			

Dimensional drawing





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