PHILIPS Lighting



Harmony Classic LED

BDP670 LED84-4S/740 II DW10 GR-2900 SRG1

Harmony Classic LED, LED module 8400 lm, 740 neutral white, Safety class II, Distribution wide 10, Polycarbonate bowl/cover clear

Harmony Classic LED draws its inspiration from the street lamps of the early 20th century, which combined a conical bowl with a suspended canopy. This iconic luminaire offers versatility, both in terms of supporting brackets and columns, as well as accessories. Harmony Classic LED uses the high-performance LEDGINE-O engine with latest LED performance and a wide range of optics to latest standards. Designed for mounting heights of 4-8 meters, Harmony Classic LED is ideal for a wide range of outdoor lighting applications.

Product data

General Information	
Lamp family code	LED84 [LED module 8400 lm]
Light source replaceable	Yes
Number of gear units	1 unit
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.
Light source engine type	LED
Product family code	BDP670 [Harmony Classic LED]
Lighting Technology	LED

CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	-
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0.03
Luminous Flux	6,384 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	182 lm/W
Color rendering index (CRI)	≥70
Light source color	740 neutral white

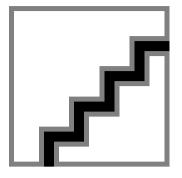
Harmony Classic LED

Optical cover type	Polycarbonate bowl/cover clear
	52° - 7° x 151°
Luminaire light beam spread	Distribution wide 10
Optic type outdoor	Distribution wide to
Operating and Electrical	
	220 to 240 V
Input Voltage	50 to 60 Hz
Line Frequency	
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	50 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 2-pole Wieland/Adels
	compatible
Cable	-
Number of products on MCB of 16 A type	11
В	
Temperature	
Ambient temperature range	-20 to +35 ℃
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	Polycarbonate
Optic material	Polymethyl methacrylate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Post-top for diameter 90 mm
Optical cover shape	Hemispherical
Optical cover finish	Clear
Overall height	1,585 mm
Overall diameter	578 mm

Approval and Application		
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	
Mech. impact protection code	IK10 [20 J vandal-resistant]	
Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV	
	differential mode and 10 kV common mode	
Protection class IEC	Safety class II	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-7%	
Initial chromaticity	(0.380, 0.390) SDCM <5	
Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median usefu	l 10 %	
life 100000 h		
Lumen maintenance at median useful	L93	
life* 100000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Product Data		
Order product name	BDP670 LED84-4S/740 II DW10 GR-2900	
	SRG1	
Full product name	BDP670 LED84-4S/740 II DW10 GR-2900	
	SRG1	
Full product code	871869945033500	
Order code	912300023981	
Material Nr. (12NC)	912300023981	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699450335	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718699450335	

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Dimensional drawing





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