



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]	CE mark	Yes
Light source replaceable	Yes	Warranty period	5 years
Number of gear units	1 unit	Flammability mark	-
Driver included	Yes	ENEC mark	-
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.	EU RoHS compliant	Yes
Light source engine type	LED	Light Technical	
Product family code	BDP670 [Harmony Classic LED]	Upward light output ratio	0.03
Lighting Technology	LED	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

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Optical cover type	Polycarbonate bowl/cover clear
Luminaire light beam spread	52° - 7° x 151°
Optic type outdoor	Distribution wide 10

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
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 B	

Temperature

Ambient temperature range	-20 to +35 °C
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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
Effective projected area	0.14 m²

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 useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L93

Application Conditions

Performance ambient temperature Tq	25 °C
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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

