



Harmony Classic LED

BDP670 LED47-4S/830 I DM11 GR-2900 D9

Harmony Classic LED, LED module 4700 lm, 830 warm white, Safety class I, Distribution medium 12, 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	LED47 [LED module 4700 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	3,478 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	153 lm/W
Color rendering index (CRI)	≥80
Light source color	830 warm white

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Optical cover type	Polycarbonate bowl/cover clear
Luminaire light beam spread	88° x 157°
Optic type outdoor	Distribution medium 12

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	34.5 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 5-pole Wieland/Adels compatible
Cable	-
Number of products on MCB of 16 A type B	11

Temperature

Ambient temperature range	-20 to +35 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
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)	Philips standard surge protection level
Protection class IEC	Safety class I

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	L95

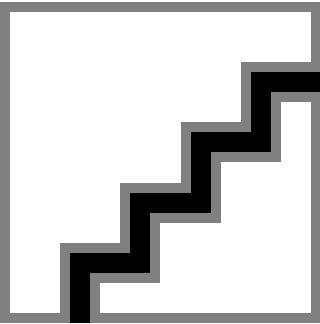
Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	20%

Product Data

Order product name	BDP670 LED47-4S/830 I DM11 GR-2900 D9
Full product name	BDP670 LED47-4S/830 I DM11 GR-2900 D9
Full product code	871869945031100
Order code	912300023979
Material Nr. (12NC)	912300023979
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699450311
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699450311

Dimensional drawing



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