



Harmony Classic LED

BSP670 LED65-4S/740 II DS50 GR-2900 DDF2

HARMONY CLASSIC LED, LED module 6500 lm, 740 neutral white, Safety class II, Distribution symmetrical 50, 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	LED65 [LED module 6500 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	BSP670 [HARMONY CLASSIC LED]	Upward light output ratio	0.03
Lighting Technology	LED	Luminous Flux	5,214 lm
		Standard tilt angle posttop	0°
		Standard tilt angle side entry	0°
		Correlated Color Temperature (Nom)	4000 K
		Luminous Efficacy (rated) (Nom)	188 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	152° x 155°
Optic type outdoor	Distribution symmetrical 50

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	38 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 B	11

Temperature

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

Dimmable	No
Driver/power unit/transformer	Power supply unit with DynaDimmer
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	Suspension set simple, standard
Optical cover shape	Hemispherical
Optical cover finish	Clear
Overall height	765 mm
Overall diameter	580 mm

Effective projected area	0.14 m²
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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 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	L94

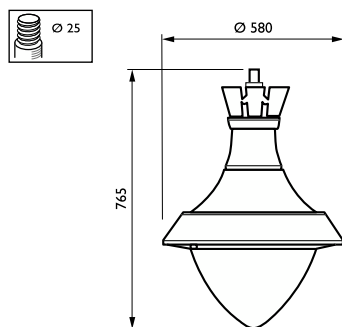
Application Conditions

Performance ambient temperature Tq	25 °C
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Product Data

Order product name	BSP670 LED65-4S/740 II DS50 GR-2900 DDF2
Full product name	BSP670 LED65-4S/740 II DS50 GR-2900 DDF2
Full product code	871869945032800
Order code	912300023980
Material Nr. (12NC)	912300023980
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699450328
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699450328

Dimensional drawing



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