PHILIPS Lighting



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]
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	BSP670 [HARMONY CLASSIC LED]
Lighting Technology	LED

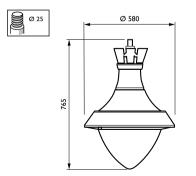
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	-
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0.03
Luminous Flux	5,214 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	188 lm/W
Color rendering index (CRI)	≥70
Light source color	740 neutral white

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Optical cover type	Polycarbonate bowl/cover clear	Effective project
Luminaire light beam spread	152° x 155°	
Optic type outdoor	Distribution symmetrical 50	Approval and
		Ingress protection
Operating and Electrical		Mech. impact pro
Input Voltage	220 to 240 V	Surge Protection
Line Frequency	50 to 60 Hz	Protection class
Inrush current	46 A	
Inrush time	0.25 ms	Initial Perform
Power Consumption	38 W	Luminous flux to
Power Factor (Fraction)	0.9	Initial chromatic
Connection	Plug-in connector 2-pole Wieland/Adels	Power consumpt
	compatible	Init. Color Rende
Cable	-	
Number of products on MCB of 16 A type	11	Over Time Per
В		Control gear fail
		life 100000 h
Temperature		Lumen maintena
Ambient temperature range	-20 to +35 °C	life* 100000 h
Controls and Dimming		Application Co
Dimmable	No	Performance am
Driver/power unit/transformer	Power supply unit with DynaDimmer	
Constant light output	No	Product Data
		Order product na
Mechanical and Housing		-
Housing Material	Aluminum	Full product nam
Reflector material	Polycarbonate	-
Optic material	Polymethyl methacrylate	Full product cod
Optical cover material	Polycarbonate	Order code
Fixation material	Aluminum	Material Nr. (12N
Housing Color	Grey	Numerator - Qua
Mounting device	Suspension set simple, standard	EAN/UPC - Prod
Optical cover shape	Hemispherical	Numerator - Pac
Optical cover finish	Clear	EAN/UPC - Case
Overall height	765 mm	
Overall diameter	580 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 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 Compli	iant)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful	L94
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
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



Harmony Classic LED



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