PHILIPS Lighting



Harmony 1&2 LED

BGP661 LED61-4S/830 DS50 FG GR-2900 DDF1

Harmony 2 LED, LED module 6100 lm, 830 warm white, Safety class I, Distribution symmetrical 50, Flat glass, Post-top for diameter 60 mm

Harmony LED is based on a clean shape, a modular construction and complementary optical systems. It can be adapted to all styles of setting and types of application. Available in two sizes and designed for heights from 4 to 10 meters, the luminaire can be combined with several brackets and wall-mounted solutions, allowing you to compose varied, yet consistent installations. Harmony LED is the overall lighting solution for classic and contemporary urban settings, delivering outstanding levels of lighting and energy performance thanks to its LED engine and its application tailored optics. Harmony LED is also equipped with dedicated light recipe that preserves a dark night sky.

Product data

General Information			might automatically dim down to protect
Lamp family code	LED61 [LED module 6100 lm]		components
Light source replaceable	Yes	Light source engine type	LED
Number of gear units	1 unit	Product family code	BGP661 [Harmony 2 LED]
Driver included	Yes	Lighting Technology	LED
Remarks	*-Per Lighting Europe guidance paper	Value ladder	Performance
	"Evaluating performance of LED based	Embedded control	DynaDimmer with fixed presets version 1
	luminaires - January 2018": statistically there	CE mark	Yes
	is no relevant difference in lumen	Warranty period	5 years
	maintenance between B50 and for example	Flammability mark	-
	B10. Therefore, the median useful life (B50)	ENEC mark	-
	value also represents the B10 value. * At	EU RoHS compliant	Yes
	extreme ambient temperatures the luminaire		

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Light Technical	
Upward light output ratio	0.03
Luminous Flux	5,332 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	117 lm/W
Color rendering index (CRI)	≥80
Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	152° x 155°
Optic type outdoor	Distribution symmetrical 50

Overall length	805.1 mm
Overall width	805.1 mm
Overall height	656 mm
Overall diameter	656 mm
Effective projected area	0.031 m²
Dimensions (Height x Width x Depth)	656 x 805 x 805 mm

Approval and Application Ingress protection code IP66 [Dust penetration-protected, jet-proof] IK09 [10 J] Mech. impact protection code Surge Protection (Common/Differential) Philips standard surge protection level Sustainability rating Protection class IEC Safety class I

+/-7%

+/-10%

(0.380, 0.390) SDCM <5

Operating and Electrical		
Input Voltage	220 to 240 V	Initial Performance (IEC Compliant)
Line Frequency	50 to 60 Hz	Luminous flux tolerance +
Inrush current	46 A	Initial chromaticity (
Inrush time	0.25 ms	Power consumption tolerance +
Power Consumption	45.5 W	Init. Color Rendering Index Tolerance
Power Factor (Fraction)	0.98	
Connection	Plug-in connector 3-pole Wieland/Adels	Over Time Performance (IEC Complia
	compatible	Control gear failure rate at median useful 1
Cable	-	life 100000 h
Number of products on MCB of 16 A type	11	Lumen maintenance at median useful

Number of products on MCB of 16 A type	11	

Temperature		
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Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit with DynaDimmer
Constant light output	No

-40 to +50 °C

Mechanical and Housing

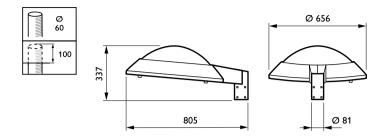
Housing Material	Aluminum
Reflector material	Glass
Optic material	Polymethyl methacrylate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Gray
Mounting device	Post-top for diameter 60 mm
Optical cover shape	Flat
Optical cover finish	Clear

Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Comp	oliant)
Control gear failure rate at median usefu	ul 10 %
life 100000 h	
Lumen maintenance at median useful	L97
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃

Product Data	
Full product code	871869945027400
Order product name	BGP661 LED61-4S/830 DS50 FG GR-2900
	DDF1
Order code	912300023975
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300023975
Full product name	BGP661 LED61-4S/830 DS50 FG GR-2900
	DDF1
EAN/UPC - Case	8718699450274
EAN/UPC - Product/Case	8718699450274

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Dimensional drawing





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