



Harmony 1&2 LED

BGP661 LED73-4S/830 I DW50 PC GR-2900 60

Harmony 2 LED, LED module 7300 lm, 830 warm white, Safety class I, Distribution wide 50, Polycarbonate bowl/cover clear, Side-entry 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			
Lamp family code	LED73 [LED module 7300 lm]	might automatically dim down to protect 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 "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. * At extreme ambient temperatures the luminaire	Value ladder	Performance
		CE mark	Yes
		Warranty period	5 years
		Flammability mark	-
		ENEC mark	-
		EU RoHS compliant	Yes

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Light Technical	
Upward light output ratio	0.03
Luminous Flux	6,216 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	113 lm/W
Color rendering index (CRI)	≥80
Light source color	830 warm white
Optical cover type	Polycarbonate bowl/cover clear
Luminaire light beam spread	23° - 8° x 152°
Optic type outdoor	Distribution wide 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	55 W
Power Factor (Fraction)	0.98
Connection	Plug-in connector 3-pole Wieland/Adels compatible
Cable	-
Number of products on MCB of 16 A type B	11

Temperature	
Ambient temperature range	-40 to +50 °C

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	Gray
Mounting device	Side-entry for diameter 60 mm
Optical cover shape	Curved
Optical cover finish	Clear

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]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	Philips standard surge protection level
Sustainability rating	-
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	L96

Application Conditions	
Performance ambient temperature Tq	25 °C

Product Data	
Full product code	871869945029800
Order product name	BGP661 LED73-4S/830 I DW50 PC GR-2900 60
Order code	912300023977
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300023977
Full product name	BGP661 LED73-4S/830 I DW50 PC GR-2900 60
EAN/UPC - Case	8718699450298
EAN/UPC - Product/Case	8718699450298

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Dimensional drawing

