



Harmony 1&2 LED

BGP661 LED84-4S/740 II DM50 FG GR-2900 D

Harmony 2 LED, LED module 8400 lm, 740 neutral white, Safety class II, Distribution medium 50, Flat glass, Suspension set simple, standard

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	LED84 [LED module 8400 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	7,392 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	149 lm/W
Color rendering index (CRI)	≥70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	30° - 5° x 153°
Optic type outdoor	Distribution medium 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	49.5 W
Power Factor (Fraction)	0.98
Connection	Plug-in connector 4-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	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	Glass
Optic material	Polymethyl methacrylate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Gray
Mounting device	Suspension set simple, standard
Optical cover shape	Flat
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 m ²
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 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	L97

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

Product Data	
Full product code	871869945028100
Order product name	BGP661 LED84-4S/740 II DM50 FG GR-2900 D
Order code	912300023976
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300023976
Full product name	BGP661 LED84-4S/740 II DM50 FG GR-2900 D
EAN/UPC - Case	8718699450281
EAN/UPC - Product/Case	8718699450281

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Dimensional drawing

