



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]
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. * At
	extreme ambient temperatures the luminaire

	might automatically dim down to protec	
	components	
Light source engine type	LED	
Product family code	BGP661 [Harmony 2 LED]	
Lighting Technology	LED	
Value ladder	Performance	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	
ENEC mark	-	
EU RoHS compliant	Yes	

Datasheet, 2023, October 5 data subject to change

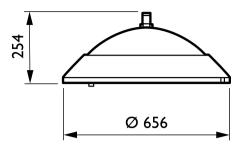
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Light Technical		Overall length	805.1 mm
Upward light output ratio	0.03	Overall width	805.1 mm
Luminous Flux	7,392 lumen	Overall height	656 mm
Standard tilt angle posttop	0°	Overall diameter	656 mm
Standard tilt angle side entry	0°	Effective projected area	0.031 m ²
Correlated Color Temperature (Nom)	4000 K	Dimensions (Height x Width x Depth)	656 x 805 x 805 mm
Luminous Efficacy (rated) (Nom)	149 lm/W		
Color rendering index (CRI)	≥70	Approval and Application	
Light source color	740 neutral white	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Optical cover type	Flat glass	Mech. impact protection code	IK09 [10 J]
Luminaire light beam spread	30° - 5° x 153°	Surge Protection (Common/Differential)	Philips standard surge protection level
Optic type outdoor	Distribution medium 50	Sustainability rating	-
		Protection class IEC	Safety class II
Operating and Electrical			
Input Voltage	220 to 240 V	Initial Performance (IEC Compliant)	
Line Frequency	50 to 60 Hz	Luminous flux tolerance	+/-7%
Inrush current	46 A	Initial chromaticity	(0.380, 0.390) SDCM <5
Inrush time	0.25 ms	Power consumption tolerance	+/-10%
Power Consumption	49.5 W	Init. Color Rendering Index Tolerance	+/-2
Power Factor (Fraction)	0.98		
Connection	Plug-in connector 4-pole Wieland/Adels	Over Time Performance (IEC Compli	ant)
	compatible	Control gear failure rate at median useful	10 %
Cable	-	life 100000 h	
Number of products on MCB of 16 A type	11	Lumen maintenance at median useful	L97
В		life* 100000 h	
Temperature		Application Conditions	
Ambient temperature range	-40 to +50 °C	Performance ambient temperature Tq	25℃
		Maximum dim level	20%
Controls and Dimming			
Dimmable	Yes	Product Data	
Driver/power unit/transformer	Power supply unit with DALI interface	Full product code	871869945028100
Control interface	DALI	Order product name	BGP661 LED84-4S/740 II DM50 FG GR-2900
Constant light output	No		D
		Order code	912300023976
Mechanical and Housing		Numerator - Quantity Per Pack	1
Housing Material	Aluminum	Numerator - Packs per outer box	1
Reflector material	Glass	Material Nr. (12NC)	912300023976
Optic material	Polymethyl methacrylate	Full product name	BGP661 LED84-4S/740 II DM50 FG GR-2900
Optical cover material	Glass		D
Fixation material	Aluminum	EAN/UPC - Case	8718699450281
Housing Color	Gray	EAN/UPC - Product/Case	8718699450281
Mounting device	Suspension set simple, standard		
Optical cover shape	Flat		

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Dimensional drawing







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