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 metres, 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			luminaire might automatically dim down to
Lamp family code	LED61 [LED module 6100 lm]		protect components
Light source replaceable	Yes	Light source engine type	LED
Number of gear units	Unit	Product family code	BGP661 [Harmony 2 LED]
Driver included	Yes	Lighting Technology	LED
Remarks	*- According to the Lighting Europe guidance	Value ladder	Performance
	paper '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 the B50 and, for	Flammability mark	-
	example, the B10. Therefore, the median	ENEC mark	-
	useful life (B50) value also represents the B10	EU RoHS compliant	Yes
	value. * At extreme ambient temperatures the		
	value. * At extreme ambient temperatures the		

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Light Technical	
Upwards light output ratio	0.03
Luminous Flux	5,332 lm
Standard tilt angle post-top	O°
Standard tilt angle side entry	O°
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	117 lm/W
Colour rendering index (CRI)	≥80
Light source colour	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]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	Philips standard surge-protection level
Sustainability rating	-
Protection class IEC	Safety class I

+/-7%

(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
Cable	-	life 100,000 h
Number of products on MCB of 16 A type	11	Lumen maintenance at median useful
В		life* 100,000 h

Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit with DynaDimmer
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium

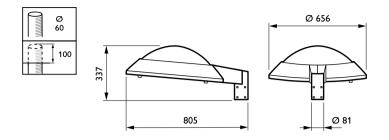
Housing material	Aluminium
Reflector material	Glass
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Housing Colour	Grey
Mounting device	Post-top for diameter 60 mm
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear

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 100,000 h		
Lumen maintenance at median useful	L97	
life* 100,000 h		

Application Conditions	
Performance ambient temperature Tq	25 ℃
Product Data	
Order product name	BGP661 LED61-4S/830 DS50 FG GR-2900
	DDF1
Full product name	BGP661 LED61-4S/830 DS50 FG GR-2900
	DDF1
Full EOC	871869945027400
Order code	45027400
Material no. (12 NC)	912300023975
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699450274
Numerator – packs per outer box	1
EAN/UPC - Case	8718699450274

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Dimensional drawing





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