



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 - Dimming via DynaDimmer integrated in ballast or driver - 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		Light regulation	
Lamp family code	LED61 [LED module 6100 lm]	Light regulation	Dimming via DynaDimmer integrated in ballast or driver
Lamp version	4S [4th generation, screw fixation]	Connection	Plug-in connector 3-pole Wieland/Adels compatible
Light source colour	830 warm white	Cable	-
Light source replaceable	Yes	Protection class IEC	Safety class I
Number of gear units	1 unit	Flammability mark	NO [-]
Driver/power unit/transformer	PSDD [Power supply unit with DynaDimmer]	CE mark	CE mark
Driver included	Yes	ENEC mark	-
Optical cover/lens type	FG [Flat glass]	Warranty period	5 years
Luminaire light beam spread	152° x 155°	Optic type outdoor	Distribution symmetrical 50
Embedded control	DDF1 [DynaDimmer with fixed presets version 1]		

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Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value. * At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB (16 A type B)	11
EU RoHS compliant	Yes
Light source engine type	LED
Serviceability class	Class B, the luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge-protection device, front cover and mechanical parts
Product family code	BGP661 [Harmony 2 LED]
Light Technical	
Upward light output ratio	0.03
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power factor (min.)	0.98
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing material	Aluminium
Reflector material	Glass
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Mounting device	60P [Post-top for diameter 60 mm]
Optical cover/lens shape	Flat
Optical cover/lens 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
Colour	Grey
Dimensions (height x width x depth)	656 x 805 x 805 mm (25.8 x 31.7 x 31.7 in)

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 kV

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	5332 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	117 lm/W
Init. Corr. Colour Temperature	3000 K
Init. Colour rendering index	≥80
Initial chromaticity	(0.380, 0.390) SDCM <5
Initial input power	45.5 W
Power consumption tolerance	+/-11%
Init. colour rendering index tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L97

Application Conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C

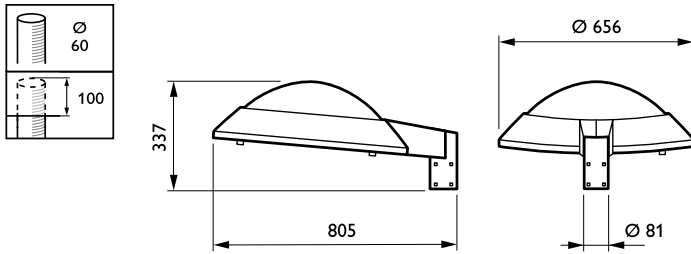
Product Data

Full product code	871869945027400
Order product name	BGP661 LED61-4S/830 DS50 FG GR-2900 DDF1
EAN/UPC – product	8718699450274
Order code	45027400
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	912300023975
SAP net weight (piece)	10.000 kg



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Dimensional drawing



Harmony 1/2 LED BGP660/BGP661

