



# 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 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	LED61 [LED module 6100 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
		Embedded control	DynaDimmer with fixed presets version 1
		CE mark	Yes
		Warranty period	5 years
		Flammability mark	-
		ENEC mark	-
		EU RoHS compliant	Yes

# Harmony 1&2 LED

<b>Light Technical</b>	
Upward light output ratio	0.03
Luminous Flux	5,332 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	117 lm/W
Color rendering index (CRI)	≥80
Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	152° x 155°
Optic type outdoor	Distribution symmetrical 50

<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	45.5 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

<b>Temperature</b>	
Ambient temperature range	-40 to +50 °C

<b>Controls and Dimming</b>	
Dimmable	No
Driver/power unit/transformer	Power supply unit with DynaDimmer
Constant light output	No

<b>Mechanical and Housing</b>	
Housing Material	Aluminum
Reflector material	Glass
Optic material	Polymethyl methacrylate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Gray
Mounting device	Post-top for diameter 60 mm
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 m²
Dimensions (Height x Width x Depth)	656 x 805 x 805 mm

<b>Approval and Application</b>	
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

<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.390) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

<b>Over Time Performance (IEC Compliant)</b>	
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L97

<b>Application Conditions</b>	
Performance ambient temperature Tq	25 °C

<b>Product Data</b>	
Full product code	871869945027400
Order product name	BGP661 LED61-4S/830 DS50 FG GR-2900 DDF1
Order code	912300023975
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300023975
Full product name	BGP661 LED61-4S/830 DS50 FG GR-2900 DDF1
EAN/UPC - Case	8718699450274
EAN/UPC - Product/Case	8718699450274

## Harmony 1&2 LED

### Dimensional drawing

