



# Harmony 1&2 LED

## BGP660 GRN40/740 II OFR4 FG D9 GR-2900 6

Harmony 1 LED, LED GreenLine 4000 lm, 740 neutral white, Safety class II, Optiflux version R4, Flat glass, Side-entry 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	GRN40 [LED GreenLine 4000 lm]	CE mark	Yes
Light source replaceable	Yes	Warranty period	3 years
Number of gear units	1 unit	Flammability mark	-
Gear	EB [Electronic]	ENEC mark	-
Driver included	Yes	EU RoHS compliant	Yes
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Light Technical	
Light source engine type	LED	Upward light output ratio	0.03
Product family code	BGP660 [Harmony 1 LED]	Luminous Flux	3,634 lumen
Lighting Technology	LED	Standard tilt angle posttop	0°
Value ladder	Performance	Standard tilt angle side entry	0°
		Correlated Color Temperature (Nom)	4000 K
		Luminous Efficacy (rated) (Nom)	120 lm/W

## Harmony 1&2 LED

Color rendering index (CRI)	≥70
Number of light sources	20
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	23° - 12° x 151°
Optic type outdoor	Optiflux version R4

### Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	30 W
Power Factor (Fraction)	0.95
Connection	Plug-in connector 4-pole Wieland/Adels compatible
Cable	-
Number of products on MCB of 16 A type B 20	

### Temperature

Ambient temperature range	-40 to +50 °C
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### 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	Grey
Mounting device	Side-entry for diameter 60 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	640 mm

Overall width	536 mm
Overall height	165 mm
Effective projected area	0.021 m²
Dimensions (Height x Width x Depth)	165 x 536 x 640 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
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 1 @200mm to EN62778

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.370) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

### Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	3 %
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### Application Conditions

Maximum dim level	10%
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### Product Data

Full product code	871869909707300
Order product name	BGP660 GRN40/740 II OFR4 FG D9 GR-2900 6
Order code	912300023670
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300023670
Full product name	BGP660 GRN40/740 II OFR4 FG D9 GR-2900 6
EAN/UPC - Case	8718699097073
EAN/UPC - Product/Case	8718699097073

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### Dimensional drawing

