



Harmony 1&2 LED

BGP660 LED73-4S/830 I DW50 PC GR-2900

Harmony 1 LED - LED module 7300 lm - 830 warm white - Safety class I - Distribution wide 50 - Polycarbonate bowl/cover clear - 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 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		Flammability mark	NO [-]
Lamp family code	LED73 [LED module 7300 lm]	CE mark	CE mark
Light source colour	830 warm white	ENEC mark	-
Light source replaceable	Yes	Warranty period	5 years
Number of gear units	1 unit	Outdoor optic type	Distribution wide 50
Driver/power unit/transformer	PSU [Power supply unit]	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
Driver included	Yes		
Optical cover/lens type	PCC [Polycarbonate bowl/cover clear]		
Luminaire light beam spread	23° - 8° x 152°		
Connection	Plug-in connector 3-pole Wieland/Adels compatible		
Cable	-		
Protection class IEC	Safety class I		

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	automatically dim down to protect components
Constant light output	No
Number of products on MCB	11
RoHS mark	RoHS mark
LED engine type	LED
Product Family Code	BGP660 [Harmony 1 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	22 A
Inrush time	0.29 ms
Power factor (min.)	0.8

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminium
Reflector material	Polycarbonate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminum
Mounting device	60S [Side-entry for diameter 60 mm]
Optical cover/lens shape	Curved
Optical cover/lens finish	Clear
Overall length	536 mm
Overall width	536 mm
Overall height	656 mm
Overall diameter	536 mm
Effective projected area	0.021 m ²
Colour	Grey
Dimensions (height x width x depth)	656 x 536 x 536 mm (25.8 x 21.1 x 21.1 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	6216 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	115 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.380, 0.390) SDCM <5
Initial input power	54 W
Power consumption tolerance	+/-11%

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	L90

Application Conditions

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

Product Data

Full product code	871869945025000
Order product name	BGP660 LED73-4S/830 I DW50 PC GR-2900
EAN/UPC – product	8718699450250
Order code	45025000
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912300023973
Net weight (piece)	10.170 kg



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Dimensional drawing



Harmony 1/2 LED BGP660/BGP661

