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

Lamp family code	LED73 [LED module 7300 lm]		luminaire might automatically dim down to protect components
Light source replaceable	Yes	Light source engine type	LED
Number of gear units	Unit	Product family code	BGP660 [Harmony 1 LED]
Driver included	Yes	Lighting Technology	LED
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	Value ladder	Performance
		CE mark	Yes
		Warranty period	5 years
		Flammability mark	–
		ENEC mark	–
		EU RoHS compliant	Yes

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Light Technical

Upwards light output ratio	0.03
Luminous Flux	6,216 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	113 lm/W
Colour rendering index (CRI)	≥80
Light source colour	830 warm white
Optical cover type	Polycarbonate bowl/cover clear
Luminaire light beam spread	23° – 8° x 152°
Optic type outdoor	Distribution wide 50

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	55 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

Temperature

Ambient temperature range	–40 to +50 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	Polycarbonate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Housing Colour	Grey
Mounting device	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 m²
Dimensions (height x width x depth)	656 x 536 x 536 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

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.390) SDCM <5
Power consumption tolerance	+/-10%
Init. Color 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	L96

Application Conditions

Performance ambient temperature Tq	25 °C

Product Data

Order product name	BGP660 LED73-4S/830 I DW50 PC GR-2900
Full product name	BGP660 LED73-4S/830 I DW50 PC GR-2900
Full EOC	871869945025000
Order code	45025000
Material no. (12 NC)	912300023973
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699450250
Numerator – packs per outer box	1
EAN/UPC – Case	8718699450250

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Dimensional drawing