PHILIPS Lighting



Harmony 1&2 LED

BGP660 LED20-4S/830 DS50 FG GR-2900 DDF1

Harmony 1 LED, LED Module 2000 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 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			luminaire might automatically dim down to
Lamp family code	LED20 [LED Module 2000 lm]		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	Value ladder	Performance
	paper 'Evaluating performance of LED based	Embedded control	DynaDimmer with fixed presets version 1
	luminaires – January 2018': statistically there	CE mark	Yes
	is no relevant difference in lumen	Warranty period	5 years
	maintenance between the B50 and, for	Flammability mark	-
	example, the B10. Therefore, the median	ENEC mark	-
	useful life (B50) value also represents the B10	EU RoHS compliant	Yes
	value. * At extreme ambient temperatures the		

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Light Technical	
Upwards light output ratio	0.03
Luminous Flux	1,760 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	110 lm/W
Colour rendering index (CRI)	≥80
Light source colour	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	152° x 155°
Optic type outdoor	Distribution symmetrical 50

Overall length	685 mm
Overall width	685 mm
Overall height	640 mm
Overall diameter	640 mm
Effective projected area	0.021 m²
Dimensions (height x width x depth)	640 x 685 x 685 mm

Approval and Application Ingress protection code IP66 [Dust penetration-protected, jet-proof] Mech. impact protection code IKO9 [10 J] Surge Protection (Common/Differential) Philips standard surge-protection level Sustainability rating Protection class IEC Safety class I

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.225 ms
Power Consumption	16 W
Power Factor (Fraction)	0.94
Connection	Plug-in connector 3-pole Wieland/Adels
	compatible
Cable	-
Number of products on MCB of 16 A type	26
В	

-						
	m	n	ra	TI.	Ir.	0

Ambient temperature range	
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Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit with DynaDimmer
Constant light output	No

-40 to +50 °C

Mechanical and Housing

Housing material	Aluminium
Reflector material	Glass
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Housing Colour	Grey
Mounting device	Post-top for diameter 60 mm
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear

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 10 %		
life 100,000 h		
Lumen maintenance at median useful	L98	
life* 100,000 h		

Initial Performance (IEC Compliant)

Application Conditions

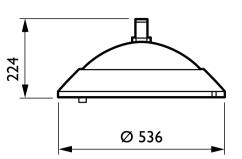
Performance ambient temperature Tq 25 °C

Product Data	
Order product name	BGP660 LED20-4S/830 DS50 FG GR-2900
	DDF1
Full product name	BGP660 LED20-4S/830 DS50 FG GR-2900
	DDF1
Full EOC	871869945023600
Order code	45023600
Material no. (12 NC)	912300023971
SAP numerator - quantity per pack	1
EAN/UPC — Product/Case	8718699450236
Numerator – packs per outer box	1
EAN/UPC - Case	8718699450236

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Dimensional drawing







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