



# **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 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	LED20 [LED Module 2000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
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. $^{\ast}$ At
	extreme ambient temperatures the luminaire

	might automatically dim down to protect
	components
Light source engine type	LED
Service tag	Yes
Product family code	BGP660 [Harmony 1 LED]
Lighting Technology	LED
Value ladder	Performance
Embedded control	DynaDimmer with fixed presets version 1
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	-

Datasheet, 2023, October 5 data subject to change

## Harmony 1&2 LED

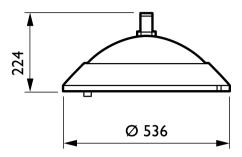
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0.03
Luminous Flux	1,760 lumen
	0°
Standard tilt angle posttop	0°
Standard tilt angle side entry	
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color rendering index (CRI)	≥80
Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	152° x 155°
Optic type outdoor	Distribution symmetrical 50
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
Connection	compatible
Cable	-
Number of products on MCB of 16 A type	26
B	20
Temperature	
Ambient temperature range	-40 to +50 °C
Ambient temperature range	40 10 130 C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit with DynaDimmer
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	Gray
Mounting device	Post-top for diameter 60 mm
Optical cover shape	Flat

Optical cover finish	Clear
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	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
O Time D (IEC C	li-us)
Over Time Performance (IEC Comp	liant)
Control gear failure rate at median usefu	
Control gear failure rate at median usefu	
Control gear failure rate at median usefulife 100000 h	1 10 %
Control gear failure rate at median usefulife 100000 h  Lumen maintenance at median useful	1 10 %
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Control gear failure rate at median usefulife 100000 h  Lumen maintenance at median useful life* 100000 h  Application Conditions  Performance ambient temperature Tq	L 10 %
Control gear failure rate at median useful life 100000 h  Lumen maintenance at median useful life* 100000 h  Application Conditions  Performance ambient temperature Tq  Product Data	L98  25 °C
Control gear failure rate at median useful life 100000 h  Lumen maintenance at median useful life* 100000 h  Application Conditions  Performance ambient temperature Tq  Product Data  Full product code	L 10 %  L98  25 °C  871869945023600
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#### Dimensional drawing







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