PHILIPS Lighting



Luma gen2

BGP705 LED150-4S/740 DM11 GF SRT SRB 60/

LUMA GEN2 LARGE, LED module 15000 lm, LED, 87 W, Power supply unit with DALI and SystemReady interface, Distribution medium 11, Glass, 70° x 37°, Internal (no external connection), Post-top for diameter 60 to 76 mm

Luma gen2 is the next generation of the Luma LED luminaire family, fully optimised to become your long-term lighting and innovation partner. While keeping the distinctive design characteristics of the first generation, Luma gen2 gives you the benefits of the latest technologies thanks to its future-proof System Ready architecture, use of optimised Ledgine LED and optical platform ensuring best-inclass lighting performance in a broad range of applications. It also offers improved serviceability. Installation has also become easier and faster, and thanks to the Service tag, you have access to all relevant documentations onsite. Also, the cable feed-through has been redesigned and access to the gear components is easy thanks to top down tool-less access. Luma gen2 also offers all connectivity and dimming options available today and thanks to being System Ready, it can also to be paired with lighting management systems such as Interact City or existing and upcoming sensor innovations. The Luma gen2 has been developed to optimise and simplify spare part repair and maintenance work using a new plug-and-play GearFlex module containing all electrical components in an easy to handle and accessible box inside the housing. As a company conscious about the impact of light on the environment and biodiversity, we also equipped the Luma gen2 with dedicated light recipes that help with maintaining the optimal ecosystems for bats or preserve a dark night sky.

Product data

General Information		Light source replaceable	Yes
Lamp family code	LED150 [LED module 15000 lm]	Number of gear units	Unit

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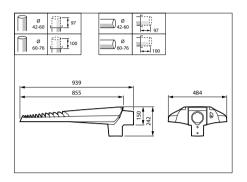
Driver included	Yes	
Remarks	* At extreme ambient temperatures the	
	luminaire might automatically dim down	
	to protect components	
Light source engine type	LED	
Product family code	BGP705 [LUMA GEN2 LARGE]	
Lighting Technology	LED	
Value ladder	Specification	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	
ENEC mark	ENEC plus mark	
EU RoHS compliant	Yes	
· ·		
Light Technical		
Upwards light output ratio	0	
Luminous Flux	13,500 lm	
Standard tilt angle post-top	0°	
Standard tilt angle side entry	-	
Correlated Colour Temperature	4000 K	
Luminous efficacy (rated) (nom.)	155 lm/W	
Colour rendering index (CRI)	>70	
Light source colour	740 neutral white	
Optical cover type	Glass	
Luminaire light beam spread	70° x 37°	
Optic type outdoor	Distribution medium 11	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Inrush current	11.5 A	
Inrush time	0.1 ms	
Power Consumption	87 W	
Power Factor (Fraction)	0.98	
Connection	Connection unit 5-pole	
Cable	-	
Number of products on MCB of 16 A type B	- 13	
transer of products of MCB of 10 A type B		
Temperature		
Ambient temperature range	-40 to +50 °C	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit with DALI and	
	SystemReady interface	
Control interface	Internal (no external connection)	
	No	
Constant light output		
Mechanical and Housing		
Mechanical and Housing	Aluminium dio cast	
Housing material	Aluminium die cast	
Reflector material	-	
Optic material	Polymethyl methacrylate	

Glass	
Aluminium	
Grey	
Post-top for diameter 60 to 76 mm	
Flat	
Clear	
855 mm	
485 mm	
245 mm	
0.378 m²	
245 x 485 x 855 mm	
IP66 [Dust penetration-protected, jet-	
proof]	
IK09 [10 J]	
Luminaire surge protection level up to 6	
kV differential mode and 8 kV common	
mode	
Lighting for circularity	
Safety class I	
+/-7%	
(0.382, 0.380) SDCM 5	
+/-10%	
+/-2	
nt)	
0.005 %	
3.5 %	
5 %	
7.5 %	
10 %	
L97	
25 °C	
Not applicable	
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Material no. (12 NC)	910925867142
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8719514104037
Numerator – packs per outer box	1

Dimensional drawing





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EAN/UPC - Case

8719514104037

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