



# Luma gen2

## BGP702 LED60-4S/730 DM11 DDF27 D18 SRG10

LUMA GEN2 MICRO - LED module 6000 lm - LED - Power supply unit with DynaDimmer - Distribution medium 11 - Glass - 70° x 37° - Internal (no external connection) - Side-entry for diameter 42-60 mm

Luma gen2 is the next generation of the Luma LED luminaire family, fully optimized 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 optimized Ledgine LED and optical platform ensuring best in class 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 be paired with lighting management systems such as Interact City or existing and upcoming sensor innovations. The Luma gen2 has been developed to optimize and simplify spare part repair and maintenance work using a new plug & 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

<b>General information</b>		<b>Light source color</b>	730 warm white
<b>Lamp family code</b>	LED60 [ LED module 6000 lm]	<b>Light source replaceable</b>	Yes

## Luma gen2

Number of gear units	1 unit
Driver/power unit/transformer	PSDD [ Power supply unit with DynaDimmer]
Driver included	Yes
Optical cover/lens type	G [ Glass]
Luminaire light beam spread	70° x 37°
Control interface	Internal (no external connection)
Connection	CU5 [ Connection unit 5-pole]
Cable	-
Protection class IEC	Safety class I (I)
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	ENEC plus mark
Warranty period	5 years
Optic type outdoor	Distribution medium 11
Constant light output	No
Number of products on MCB of 16 A type B	30
EU RoHS compliant	Yes
Light source engine type	LED
Service tag	Yes
Product family code	BGP702 [ LUMA GEN2 MICRO]

### Light technical

Upward light output ratio	0
Standard tilt angle posttop	-
Standard tilt angle side entry	0°

### Operating and electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	18 A
Inrush time	0.28 ms
Power Factor (Min)	0.98

### Controls and dimming

Dimmable	Yes
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### Mechanical and housing

Housing Material	Aluminum die-cast
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminum
Mounting device	42/60S [ Side-entry for diameter 42-60 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	642 mm

Overall width	295 mm
Overall height	146 mm
Effective projected area	0.094 m <sup>2</sup>
Color	Gray
Dimensions (Height x Width x Depth)	146 x 295 x 642 mm (5.7 x 11.6 x 25.3 in)

### Approval and application

Ingress protection code	IP66 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [ 20 J vandal-resistant]
Surge Protection (Common/Differential)	Surge protection level until 10 kV
Sustainability rating	-

### Initial performance (IEC compliant)

Initial luminous flux (system flux)	5400 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	133 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	>70
Initial chromaticity	-
Initial input power	40.5 W
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

### Over time performance (IEC compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L96

### Application conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	50%

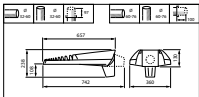
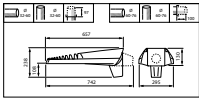
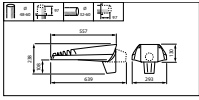
### Product data

Full product code	871951465896700
Order product name	BGP702 LED60-4S/730 DM11 DDF27 D18 SRG10
EAN/UPC - Product	8719514658967
Order code	65896700
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925868801
Net Weight (Piece)	7.940 kg



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## Dimensional drawing



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