



Luma

BGP627 140x/NW PSU II OFR4 AL GR SRG10 6

LUMA 3, 140, Power supply unit (On/Off), Optiflux version R4

Luma is a high-performance road-lighting luminaire with a clear design identity, offering a perfectly cooled, fit-and-forget solution for all streets and roads. The lumen package, lifetime and energy profile can be tuned to create the desired solution in terms of energy and cost savings. Luma can be programmed to keep the flux of the LEDs at a predefined constant level over the lifetime of the luminaire – by increasing the operating current over time to compensate for the LED lumen depreciation. Luma uses the high-performance LEDGINE-O engine with latest LED performance and a wide range of optics to latest standards. Moreover Luma's trully flat design prevents upward light to optimize the light distribution for varying road geometries and/or glare restrictions, the tilt angle can easily be adjusted on installation. Luma is also equipped with a dedicate light recipes that preserves a dark night sky.

Product data

General Information	
Lamp family code	LED-HB [LED High Brightness]
Light source replaceable	Yes
Driver included	Yes
Photocell	-
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Product family code	BGP627 [LUMA 3]
Lighting Technology	LED
Embedded control	-
CE mark	Yes

ENEC mark	ENEC mark
Light Technical	
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Number of light sources	140
Light source color	Neutral white
Optic type outdoor	Optiflux version R4
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming

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

Mechanical and Housing

Housing Material	Aluminum
Optic material	Polycarbonate
Optical cover material	Glass
Housing Color	Grey
Mounting device	Spigot for diameter 62 mm
Parts color	All parts colored

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
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Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
Protection class IEC	Safety class II

Product Data

Order product name	BGP627 140x/NW PSU II OFR4 AL GR SRG10 6
Full product name	BGP627 140x/NW PSU II OFR4 AL GR SRG10 6
Full product code	871794319481000
Order code	912300022992
Material Nr. (12NC)	912300022992
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943194810
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943194810

Dimensional drawing

