



Luma

BGP627 180x/NW PSU II OFR1 AL GR SRG10 6

LUMA 3, 180, Power supply unit (On/Off), Optiflux version R1

Luma is a REVOLED™ 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. This eliminates over-lighting at the beginning, enabling additional extra energy savings. Luma's truly flat design prevents upward light, and the OPTIFLUX™ lens optics meet current lighting standards. To optimize the light distribution for varying road geometries and/or glare restrictions, the tilt angle can easily be adjusted on installation.

Product data

General Information			
Lamp family code	LED-HB [LED High Brightness]	Warranty period	5 years
Light source replaceable	Yes	Flammability mark	-
Number of gear units	3 units	ENEC mark	ENEC mark
Driver included	Yes	EU RoHS compliant	Yes
Photocell	-	Light Technical	
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Upwards light output ratio	0
Light source engine type	LED	Luminous Flux	40,000 lm
Product family code	BGP627 [LUMA 3]	Standard tilt angle post-top	0°
Lighting Technology	LED	Standard tilt angle side entry	0°
Embedded control	-	Correlated Colour Temperature	4000 K
CE mark	Yes	Luminous efficacy (rated) (nom.)	119 lm/W
		Colour rendering index (CRI)	70
		Number of light sources	180

Light source colour	Neutral white
Optical cover type	Flat glass
Luminaire light beam spread	23° - 8° x 149°
Optic type outdoor	Optiflux version R1

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	337 W
Power Factor (Fraction)	0.95
Connection	Plug-in connector 3-pole Wieland/Adels compatible
Cable	-
Number of products on MCB of 16 A type B 8	

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)
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Aluminium
Housing Colour	Grey
Mounting device	Spigot for diameter 62 mm
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	1,076 mm

Overall width	130 mm
Overall height	435 mm
Effective projected area	0.077 m²
Dimensions (height x width x depth)	435 x 130 x 1076 mm
Parts colour	All parts coloured

Approval and Application

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

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.377, 0.373) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.23 %
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Product Data

Order product name	BGP627 180x/NW PSU II OFR1 AL GR SRG10 6
Full product name	BGP627 180x/NW PSU II OFR1 AL GR SRG10 6
Full EOC	871794322529300
Order code	22529300
Material no. (12 NC)	912300025535
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8717943225293
Numerator – packs per outer box	1
EAN/UPC – Case	8717943225293

Dimensional drawing



