



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]
Light source replaceable	Yes
Number of gear units	3 units
Driver included	Yes
Photocell	-
Remarks	* At extreme ambient temperatures the
	luminaire might automatically dim down to
	luminaire might automatically dim down to protect components
Light source engine type	· ·
Light source engine type Product family code	protect components
	protect components LED
Product family code	protect components LED BGP627 [LUMA 3]
Product family code Lighting Technology	protect components LED BGP627 [LUMA 3] LED

Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Upwards light output ratio	0
Luminous Flux	40,000 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	119 lm/W
Colour rendering index (CRI)	70
Number of light sources	180

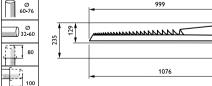
Datasheet, 2023, April 30 data subject to change

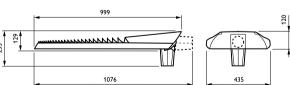
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Light source colour	Neutral white
Optical cover type	Flat glass
Luminaire light beam spread	23° - 8° x 149°
Optic type outdoor	Optiflux version R1
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush 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
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 Compli	ant)
Driver failure rate at 5,000 hours	0.23 %
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
	6/1/94322329300
Order code	22529300
Order code Material no. (12 NC)	
	22529300
Material no. (12 NC)	22529300 912300025535
Material no. (12 NC) SAP numerator – quantity per pack	22529300 912300025535 1
Material no. (12 NC) SAP numerator – quantity per pack EAN/UPC — Product/Case	22529300 912300025535 1 8717943225293

Dimensional drawing





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