



Luma Micro

BGP615 ECO40/WW PSU I OFR1 GR 62

LUMA MICRO, 20, LED EconomyLine 4000 lm, Power supply unit (On/Off), Optiflux version R1, Spigot for diameter 62 mm

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	ECO40 [LED EconomyLine 4000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
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 BGP615 [LUMA MICRO]

CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0
Luminous Flux	3,520 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°

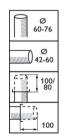
Datasheet, 2023, April 29 data subject to change

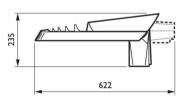
Luma Micro

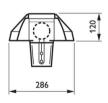
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	70.4 lm/W
Color rendering index (CRI)	80
Number of light sources	20
Light source color	Warm white
Optical cover type	Flat glass
Luminaire light beam spread	154°
Optic type outdoor	Optiflux version R1
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	35 W
Power Factor (Fraction)	0.98
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type	B 20
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Controts and Dimining	
Dimmable	No
	No Power supply unit (On/Off)
Dimmable	
Dimmable Driver/power unit/transformer	Power supply unit (On/Off)
Dimmable Driver/power unit/transformer	Power supply unit (On/Off)
Dimmable Driver/power unit/transformer Constant light output	Power supply unit (On/Off)
Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing	Power supply unit (On/Off) No
Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material	Power supply unit (On/Off) No Aluminum
Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material	Power supply unit (On/Off) No Aluminum Polycarbonate
Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material	Power supply unit (On/Off) No Aluminum Polycarbonate Polycarbonate
Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material	Power supply unit (On/Off) No Aluminum Polycarbonate Polycarbonate Glass

Optical cover shape	Flat	
Optical cover finish	Clear	
Overall length	622 mm	
Overall width	290 mm	
Overall height	130 mm	
Effective projected area	0.049 m²	
Dimensions (Height x Width x Depth)	130 x 290 x 622 mm	
Approval and Application		
Ingress protection code	IP66 [Dust penetration-protected, jet-proof	
Mech. impact protection code	IK09 [10 J]	
Surge Protection (Common/Differential)	Philips standard surge protection level	
Protection class IEC	Safety class I	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-7%	
Initial chromaticity	(0.381, 0.379) SDCM <5	
Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	
Over Time Performance (IEC Compliant)		
Driver failure rate at 5000 h	0.5 %	
Product Data		
Order product name	BGP615 ECO40/WW PSU I OFR1 GR 62	
Full product name	BGP615 ECO40/WW PSU I OFR1 GR 62	
Full product code	871869634039400	
Order code	34039400	
Material Nr. (12NC)	910925439756	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696340394	
Numerator - Packs per outer box	1	

Dimensional drawing

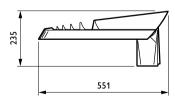




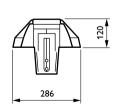




EAN/UPC - Case



8718696340394



Luma Micro



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.