



Luma

BGP627 LED240-4S/740 PSU I DM10 AL GR SR

LUMA 3, LED module 24000 lm, 740 neutral white, Power supply unit (On/Off), Safety class I, Distribution medium 10, Grey, Luminaire surge protection level until 10 kV differential mode and 10 kV common mode, Spigot for diameter 62 mm

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	LED240 [LED module 24000 lm]
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.
Service tag	Yes

Product family code	BGP627 [LUMA 3]
Lighting Technology	LED
CE mark	Yes
Light Technical	
Light source color	740 neutral white
Luminaire light beam spread	77° - 11° x 156°
Optic type outdoor	Distribution medium 10

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Temperature

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

Driver/power unit/transformer	Power supply unit (On/Off)
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Mechanical and Housing

Housing Color	Grey
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Mounting device	Spigot for diameter 62 mm
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Approval and Application

Surge Protection (Common/ Differential)	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
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Protection class IEC	Safety class I
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Over Time Performance (IEC Compliant)

Control gear failure rate at median	10 %
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useful life	100000 h
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Lumen maintenance at median useful life*	L95 100000 h
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Application Conditions

Performance ambient temperature	25 °C
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Product Data

Order product name	BGP627 LED240-4S/740 PSU I DM10 AL GR SR
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Full product name	BGP627 LED240-4S/740 PSU I DM10 AL GR SR
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Full product code	871869908973300
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Order code	912300023463
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Material Nr. (12NC)	912300023463
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Numerator - Quantity Per Pack	1
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EAN/UPC - Product/Case	8718699089733
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Numerator - Packs per outer box	1
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EAN/UPC - Case	8718699089733
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