



Luma

BGP623 LED80-4S/740 PSU I DM10 AL GR SRG

LUMA 1, LED module 8000 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	LED80 [LED module 8000 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.
Product family code	BGP623 [LUMA 1]

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

Luma

Temperature

Ambient temperature range -40 to +50 °C

Controls and Dimming

Driver/power unit/transformer Power supply unit (On/Off)

Mechanical and Housing

Housing Color Grey

Mounting device Spigot for diameter 62 mm

Approval and Application

Surge Protection (Common/
Differential) Luminaire surge protection level until 10 kV
differential mode and 10 kV common mode

Protection class IEC Safety class I

Over Time Performance (IEC Compliant)

Control gear failure rate at median 10 %

useful life 100000 h

Lumen maintenance at median useful L95

life* 100000 h

Application Conditions

Performance ambient temperature 25 °C

Tq

Product Data

Order product name BGP623 LED80-4S/740 PSU I DM10 AL GR SRG

Full product name BGP623 LED80-4S/740 PSU I DM10 AL GR SRG

Full product code 871869908971900

Order code 912300023461

Material Nr. (12NC) 912300023461

Numerator - Quantity Per Pack 1

EAN/UPC - Product/Case 8718699089719

Numerator - Packs per outer box 1

EAN/UPC - Case 8718699089719

