# **PHILIPS** Lighting

# 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		Applicatio
Ambient temperature range	-40 to +50 °C	Performance
		Tq
Controls and Dimming		
Driver/power unit/transformer	Power supply unit (On/Off)	Product Da
		Order produ
Mechanical and Housing		Full product
Housing Color	Grey	Full product
Mounting device	Spigot for diameter 62 mm	Order code
		Material Nr.
Approval and Application		Numerator -
Surge Protection (Common/	Luminaire surge protection level until 10 kV	EAN/UPC -
Differential)	differential mode and 10 kV common mode	Numerator -
Protection class IEC	Safety class I	EAN/UPC -
Over Time Performance (IEC Co	ompliant)	_
Control gear failure rate at median	10 %	
useful life 100000 h		_
Lumen maintenance at median usefu	ıl L95	
life* 100000 h		
		_

Performance ambient temperature 25 °C

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



© 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.