# **PHILIPS** Lighting



## Luma

### BGP625 LED340-4S/740 I DM11 GR DDF27 SRG

LUMA 2, 120, LED module 34000 lm, 740 neutral white, Power supply unit with DynaDimmer, Safety class I, Distribution medium 11, Acrylate micro-lens optic, Grey, DynaDimmer with fixed presets version 27, Luminaire surge protection level until 10 kV differential mode and 10 kV common mode, Side-entry for diameter 62 mm

Luma is a REVOLED<sup>™</sup> 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<sup>™</sup> 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	LED340 [LED module 34000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
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. \* At extreme ambient temperatures the luminaire might automatically dim down to protect components

#### Luma

Light source engine type	LED
Product family code	BGP625 [LUMA 2]
Lighting Technology	LED
Embedded control	DynaDimmer with fixed presets version 27
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	30,260 lm
Standard tilt angle posttop	-

0.1	
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	144 lm/W
Color rendering index (CRI)	≥70
Number of light sources	120
Light source color	740 neutral white
Optical cover type	Acrylate micro-lens optic
Luminaire light beam spread	78° - 14° x 156°
Optic type outdoor	Distribution medium 11

Operating	and	Electrical
Operating	anu	Electrical

220 to 240 V	
50 to 60 Hz	
53 A	
0.3 ms	
210 W	
0.98	
Connection unit 3-pole	
-	
Number of products on MCB of 16 A type 8	

#### Temperature

Ambient temperature range

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit with DynaDimmer
Control interface	Dynamix DMX
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate

-40 to +50 °C

Fixation material	Aluminum
Housing Color	Grey
Mounting device	Side-entry for diameter 62 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	876 mm
Overall width	435 mm
Overall height	130 mm
Overall diameter	62 mm
Effective projected area	0.067 m²
Dimensions (Height x Width x Depth)	130 x 435 x 876 mm
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 until 10 kV
	differential mode and 10 kV common mode

Protection class IEC	Safety class I
Initial Performance (IEC Complian	t)
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.382, 0.379) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance +/-2	
Over Time Performance (IEC Com	oliant)

Over Time Performance (IEC Compliant)	
Control gear failure rate at median 10 %	
useful life 100000 h	
Lumen maintenance at median useful	L92
life* 100000 h	

#### **Application Conditions**

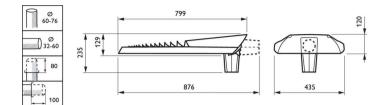
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable

#### Product Data

Order product name	BGP625 LED340-4S/740 I DM11 GR DDF27
	SRG
Full product name	BGP625 LED340-4S/740 I DM11 GR DDF27
	SRG
Full product code	871869911594400
Order code	11594400
Material Nr. (12NC)	912300023807
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699115944
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699115944

#### Luma

#### Dimensional drawing





© 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.

www.lighting.philips.com 2023, April 30 - data subject to change