



# Selenium LED

## BGP340 LED55--3S/740 PSU I DM 48/60

Selenium LED, LED module 5500 lm, Power supply unit (On/Off), Distribution medium, Universal for diameter 48 to 60 mm

Selenium LED is a cost-effective road-lighting luminaire, which delivers over 60% energy saving compared with conventional solutions. Its simple, rounded form reduces its daytime visual impact, allowing it to integrate into any kind of environment. The LEDGINE technology inside the luminaire ensures an efficient and uniform light distribution, covering the widest possible range of applications. And installation and maintenance could not be simpler: connectors and driver are directly accessible, without the use of tools.

### Product data

General Information			
Lamp family code	LED55 [LED module 5500 lm]	Glow-wire test	Temperature 960 °C, duration 5 s
Light source replaceable	Yes	Flammability mark	-
Number of gear units	1 unit	CE mark	Yes
Driver included	Yes	ENEC mark	ENEC mark
Photocell	-	Warranty period	5 years
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.	EU RoHS compliant	No
Light source engine type	LED	Embedded control	-
Product family code	BGP340 [Selenium LED]	Light Technical	
Lighting Technology	LED	Upward light output ratio	0
		Luminous Flux	4,792 lm
		Standard tilt angle posttop	0°
		Standard tilt angle side entry	0°
		Correlated Color Temperature (Nom)	4000 K
		Luminous Efficacy (rated) (Nom)	109 lm/W
		Color rendering index (CRI)	≥70

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Number of light sources	1
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	160°
Optic type outdoor	Distribution medium

## Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	80 A
Inrush time	150 ms
Power Consumption	44 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B	11

## Temperature

Ambient temperature range	-30 to +45 °C
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## Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

## Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Glass
Optical cover material	Glass
Fixation material	Stainless steel
Housing Color	Aluminum and gray
Mounting device	Universal for diameter 48 to 60 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	750 mm
Overall width	320 mm

Overall height	210 mm
Effective projected area	0.07 m <sup>2</sup>
Dimensions (Height x Width x Depth)	210 x 320 x 750 mm

## Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	6/4 kV
Protection class IEC	Safety class I

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.370) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

## Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 75000 h	7.5 %
Lumen maintenance at median useful life* 75000 h	L80

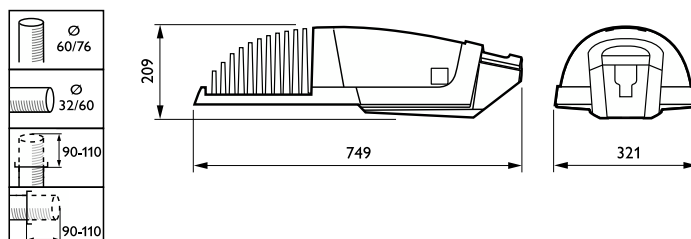
## Application Conditions

Performance ambient temperature Tq	25 °C
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## Product Data

Order product name	BGP340 LED55--3S/740 PSU I DM 48/60
Full product name	BGP340 LED55--3S/740 PSU I DM 48/60
Full product code	871829106343800
Order code	910925438543
Material Nr. (12NC)	910925438543
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291063438
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291063438

## Dimensional drawing



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