



# Selenium LED

## BGP340 LED37--3S/740 PSR II DM DDF2 48/6

Selenium LED - LED module 3700 lm - Power supply unit regulating - Distribution medium - DynaDimmer with fixed presets version 2 - Universal for diameter 48-60 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			
Number of light sources	1 [ 1 pc]	Connection	SI [ Screw connection block]
Lamp family code	LED37 [ LED module 3700 lm]	Cable	-
Lamp version	3S [ 3rd generation, screw fixation]	Protection class IEC	Safety class II (II)
Light source colour	740 neutral white	Coating	-
Light source replaceable	Yes	Glow-wire test	960/5 [ Temperature 960 °C, duration 5 s]
Number of gear units	1 unit	Flammability mark	NO [ -]
Driver/power unit/transformer	PSR [ Power supply unit regulating]	CE mark	CE mark
Driver included	Yes	ENEC mark	ENEC mark
Optical cover/lens type	FG [ Flat glass]	Warranty period	5 years
Luminaire light beam spread	160°	Outdoor optic type	Distribution medium
Embedded control	DDF2 [ DynaDimmer with fixed presets version 2]	RAL colour	Light gray (7035)
Control interface	Analog	Photocell	No [ -]
Light regulation	-	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there

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	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.
Constant light output	No
Number of products on MCB	20
RoHS mark	-
WEEE mark	-
LED engine type	LED
Product Family Code	BGP340 [Selenium LED]

### Light Technical

Upward light output ratio	0
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°

### Operating and Electrical

Input voltage	220-240 V
Input frequency	50 to 60 Hz
Control signal voltage	1-10 V DC
Inrush current	65 A
Inrush time	100 ms
Power factor (min.)	0.9
Power factor (nom.)	0.95

### Controls and Dimming

Dimmable	Yes
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### Mechanical and Housing

Housing material	Aluminum
Reflector material	-
Optic material	Glass
Optical cover/lens material	Glass
Fixation material	Stainless steel
Mounting device	48/60 [Universal for diameter 48-60 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Torque	15
Overall length	750 mm
Overall width	320 mm
Overall height	210 mm
Effective projected area	0.07 m <sup>2</sup>

Colour	Aluminum and gray
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### 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

### Initial Performance (IEC Compliant)

Initial luminous flux	3254 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	112 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥70
Initial chromaticity	(0.380, 0.370) SDCM <3
Initial input power	29 W
Power consumption tolerance	+/-11%

### 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

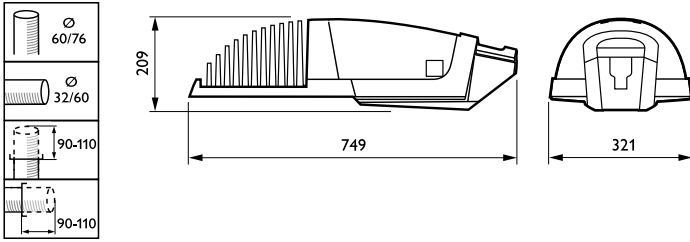
Ambient temperature range	-30 to +45 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	10%

### Product Data

Full product code	871829106382700
Order product name	BGP340 LED37--3S/740 PSR II DM DDF2 48/6
EAN/UPC – product	8718291063827
Order code	06382700
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925438582
Net weight (piece)	12.000 kg

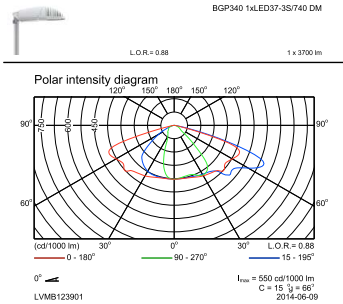
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## Dimensional drawing



### Selenium LED BGP340

## Photometric data



### OFPC1\_BGP340 1xLED37-3S740 DM.EPS

