



# Selenium LED

## BGP340 LED110--3S/740 PSR II DM DDF1 48/

Selenium LED - LED module 11000 lm - 3rd generation, screw fixation - 740 neutral white - Power supply unit regulating - Safety class II (II) - Distribution medium - - - DynaDimmer with fixed presets version 1 - - - 6/4 kV - 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		Embedded control	
Number of light sources	1 [ 1 pc]	Control interface	DDF1 [ DynaDimmer with fixed presets version 1]
Lamp family code	LED110 [ LED module 11000 lm]	Light regulation	-
Lamp version	3S [ 3rd generation, screw fixation]	Connection	SI [ Screw connection block]
Light source colour	740 neutral white	Cable	-
Light source replaceable	Yes	Protection class IEC	Safety class II (II)
Number of gear units	1 unit	Coating	-
Driver/power unit/transformer	PSR [ Power supply unit regulating]	Glow-wire test	960/5 [ Temperature 960 °C, duration 5 s]
Driver included	Yes	Flammability mark	NO [ -]
Optical cover/lens type	FG [ Flat glass]	CE mark	CE mark
Luminaire light beam spread	160°	ENEC mark	ENEC mark

# Selenium LED

Warranty period	5 years
Outdoor optic type	Distribution medium
RAL colour	Light gray (7035)
Photocell	No [-]
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.
Constant light output	No
Number of products on MCB	8
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	80 A
Inrush time	150 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 m²
Colour	Aluminum and gray
Dimensions (height x width x depth)	210 x 320 x 750 mm (8.3 x 12.6 x 29.5 in)

## 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	9381 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	110 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥70
Initial chromaticity	(0.380, 0.370) SDCM <3
Initial input power	85 W
Power consumption tolerance	+/-11%

## Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 75,000 h	7.5 %
Lumen maintenance at median useful life* 75,000 h	L80

## Application Conditions

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

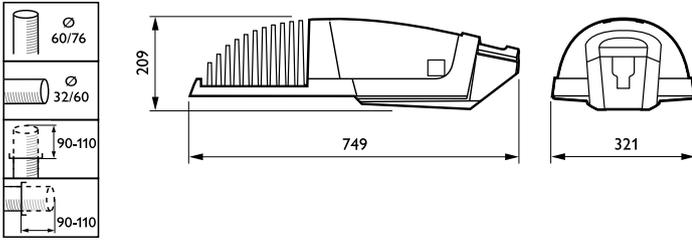
## Product Data

Full product code	871829106376600
Order product name	BGP340 LED110--3S/740 PSR II DM DDF1 48/
EAN/UPC - product	8718291063766
Order code	06376600
Numerator - quantity per pack	1
Numerator - packs per outer box	1
Material no. (12NC)	910925438576
Net weight (piece)	12.000 kg

90°C

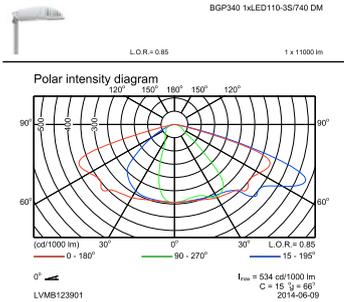
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## Dimensional drawing



### Selenium LED BGP340

## Photometric data



### OFPC1\_BGP340 1xLED110-3S740 DM.EPS

