



Selenium LED

BGP340 LED37--3S/740 PSU II DM MSP 48/60

Selenium LED - LED module 3700 lm - Power supply unit - Distribution medium - Marine salt protected coating - 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		Protection class IEC	Safety class II (II)
Number of light sources	1 [1 pc]	Coating	Marine salt protected coating
Lamp family code	LED37 [LED module 3700 lm]	Glow-wire test	960/5 [Temperature 960 °C, duration 5 s]
Lamp version	3S [3rd generation, screw fixation]	Flammability mark	NO [-]
Light source colour	740 neutral white	CE mark	CE mark
Light source replaceable	Yes	ENEC mark	ENEC mark
Number of gear units	1 unit	Warranty period	5 years
Driver/power unit/transformer	PSU [Power supply unit]	Outdoor optic type	Distribution medium
Driver included	Yes	RAL colour	Light gray (7035)
Optical cover/lens type	FG [Flat glass]	Photocell	No [-]
Luminaire light beam spread	160°	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
Embedded control	No [-]		
Light regulation	-		
Connection	SI [Screw connection block]		
Cable	-		

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	B10. Therefore the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB	20
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
Inrush current	65 A
Inrush time	100 ms
Power factor (min.)	0.9
Power factor (nom.)	0.95

Controls and Dimming

Dimmable	No
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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 ²
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	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 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

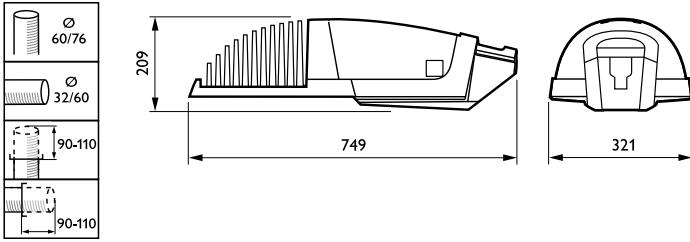
Product Data

Full product code	871829106434300
Order product name	BGP340 LED37--3S/740 PSU II DM MSP 48/60
EAN/UPC – product	8718291064343
Order code	06434300
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925438611
Net weight (piece)	12.000 kg

960°C

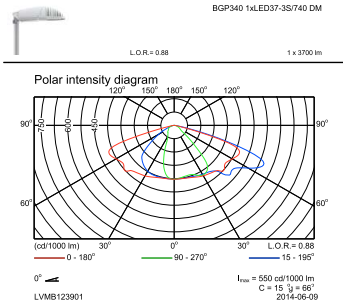
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Dimensional drawing



Selenium LED BGP340

Photometric data



OFPC1_BGP340 1xLED37-3S740 DM.EPS

