



Selenium LED

BGP340 LED110--3S/740 PSU I DM 48/60

Selenium LED - LED module 11000 lm - Power supply unit - Distribution medium - Universal for diameter 48-60 mm

Selenium LED is a cost-effective road lighting LED luminaire, delivering significant energy saving compared with conventional solutions. Energy savings can be further enhanced with the range of integrated control options. Selenium LED delivers high quality neutral white light with excellent uniformity using Philips LEDGINE technology. Installation and maintenance is made simple using plug connectors and drivers that are directly accessible without the use of tools.

Product data

General Information	
Number of light sources	1 [1 pc]
Lamp family code	LED110 [LED module 11000 lm]
Lamp version	3S [3rd generation, screw fixation]
Light source colour	740 neutral white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optical cover/lens type	FG [Flat glass]
Luminaire light beam spread	160°
Embedded control	No [-]
Light regulation	-
Connection	Screw connection block
Cable	-
Protection class IEC	Safety class I
Coating	-

Glow-wire test	Temperature 960 °C, duration 5 s
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Outdoor optic type	Distribution medium
RAL colour	Light Grey (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

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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
Inrush current	80 A
Inrush time	150 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	Aluminium
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	Aluminium and Grey

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 75000 h	7.5 %
Lumen maintenance at median useful life* 75000 h	L80

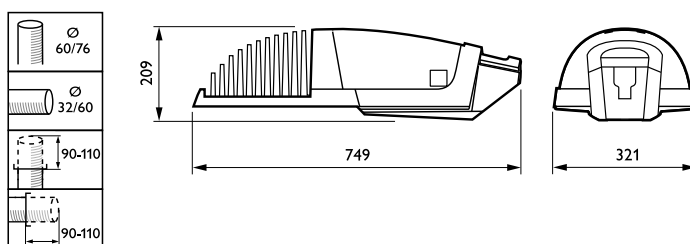
Application Conditions

Ambient temperature range	-30 to +45 °C
Performance ambient temperature Tq	25 °C

Product Data

Full product code	871829106346900
Order product name	BGP340 LED110--3S/740 PSU I DM 48/60
EAN/UPC – product	8718291063469
Order code	06346900
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925438546
Net weight (piece)	12.000 kg

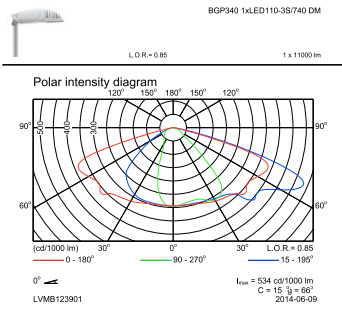
Dimensional drawing



Selenium LED BGP340

Selenium LED

Photometric data



OFPC1_BGP340 1xLED110-3S740 DM.EPS

