



Selenium LED

BGP340 LED92--3S/740 PSR I DM DDF2 48/60

Selenium LED - LED module 9200 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		Connection	SI [Screw connection block]
Number of light sources	1 [1 pc]	Cable	-
Lamp family code	LED92 [LED module 9200 lm]	Protection class IEC	Safety class I (I)
Lamp version	3S [3rd generation, screw fixation]	Coating	-
Light source color	740 neutral white	Glow-wire test	960/5 [Temperature 960 °C, duration 5 s]
Light source replaceable	Yes	Flammability mark	NO [-]
Number of gear units	1 unit	CE mark	CE mark
Driver/power unit/transformer	PSR [Power supply unit regulating]	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	5 years
Optical cover/lens type	FG [Flat glass]	Optic type outdoor	Distribution medium
Luminaire light beam spread	160°	RAL color	Light gray (7035)
Embedded control	DDF2 [DynaDimmer with fixed presets version 2]	Photocell	No [-]
Control interface	Analog	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there
Light regulation	-		

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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 of 16 A type B	8
RoHS mark	-
WEEE mark	-
Light source engine type	LED
Product family code	BGP340 [Selenium LED]

Light Technical

Upward light output ratio	0
Standard tilt angle posttop	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 m ²
Color	Aluminum and gray

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 (system flux)	7906 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	111 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥70
Initial chromaticity	(0.380, 0.370) SDCM <3
Initial input power	71 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

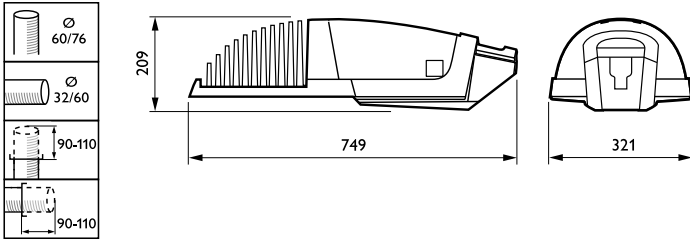
Ambient temperature range	-30 to +45 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	10%

Product Data

Full product code	871829106380300
Order product name	BGP340 LED92--3S/740 PSR I DM DDF2 48/60
EAN/UPC - Product	8718291063803
Order code	06380300
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925438580
Net Weight (Piece)	12.000 kg

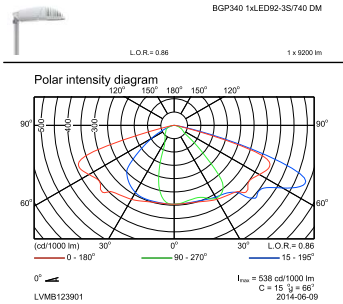
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Dimensional drawing



Selenium LED BGP340

Photometric data



OFPC1_BGP340 1xLED92-3S740 DM.EPS

