



Selenium LED

BGP340 LED55--3S/740 PSR I DM DDF2 48/60

Selenium LED - LED module 5500 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 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]	Cable	-
Lamp family code	LED55 [LED module 5500 lm]	Protection class IEC	Safety class I
Lamp version	3S [3rd generation, screw fixation]	Coating	-
Light source colour	740 neutral white	Glow-wire test	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]	Outdoor optic type	Distribution medium
Luminaire light beam spread	160°	RAL colour	Light Grey (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 is no relevant difference in lumen maintenance between B50 and for example
Light regulation	-		
Connection	Screw connection block		

Selenium LED

	B10. Therefore the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB	11
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	80 A
Inrush time	150 ms
Power factor (min.)	0.9
Power factor (nom.)	0.95

Controls and Dimming

Dimmable	Yes
----------	-----

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	4792 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	109 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥70
Initial chromaticity	(0.380, 0.370) SDCM <3
Initial input power	44 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

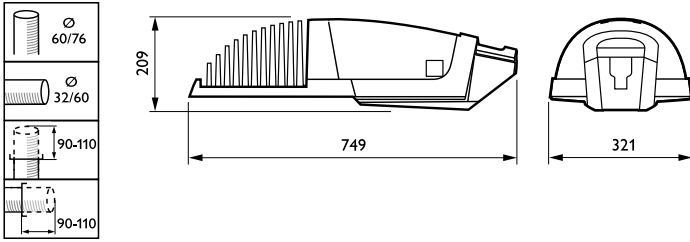
Ambient temperature range	-30 to +45 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	10%

Product Data

Full product code	871829106378000
Order product name	BGP340 LED55--3S/740 PSR I DM DDF2 48/60
EAN/UPC – product	8718291063780
Order code	06378000
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925438578
Net weight (piece)	12.000 kg

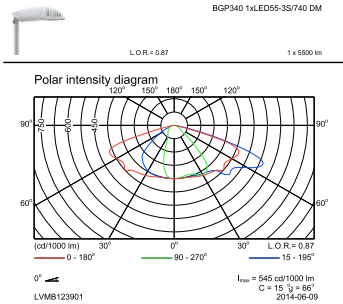
Selenium LED

Dimensional drawing



Selenium LED BGP340

Photometric data



OFPC1_BGP340 1xLED55-3S740 DM.EPS

