PHILIPS Lighting



Selenium LED

BGP340 LED110--3S/740 PSR II DM LS-8 48/

Selenium LED, LED module 11000 lm, 740 neutral white, Power supply unit regulating, Safety class II, Distribution medium, LumiStep dimming 8 hours, 6/4 kV, Universal for diameter 48 to 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	
Lamp family code	LED110 [LED module 11000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	-
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.
Light source engine type	LED

Product family code	BGP340 [Selenium LED]
Lighting Technology	LED
Glow-wire test	Temperature 960 °C, duration 5 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	No
Embedded control	LumiStep dimming 8 hours
Light Technical	
Upward light output ratio	0
Luminous Flux	9,381 lm
Standard tilt angle posttop	0°

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Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color rendering index (CRI)	≥70
Number of light sources	1
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	160°
Optic type outdoor	Distribution medium

220-240 V

50 to 60 Hz 80 A

Screw connection block 3-pole

150 ms

85 W

0.95

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8

-30 to +45 °C

Effective projected area	0.07 m ²
Dimensions (Height x Width x Depth)	210 x 320 x 750 mm
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
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.370) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compli	ant)
Control gear failure rate at median useful	7.5 %

320 mm

210 mm

Number of products on MCB of 16 A type

- 1		

Temperature

Ambient temperature range

Operating and Electrical

Input Voltage

Line Frequency

Inrush current Inrush time

Connection

Cable

Power Consumption

Power Factor (Fraction)

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Analog
Constant light output	No

Mechanical and Housing

0	
Housing Material	Aluminum
Reflector material	-
Optic material	Glass
Optical cover material	Glass
Fixation material	Stainless steel
Housing Color	Aluminum and gray
Mounting device	Universal for diameter 48 to 60 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	750 mm

Application Conditions

Lumen maintenance at median useful life* L80

life 75000 h

75000 h

Overall width

Overall height

Performance ambient temperature Tq	25 °C
Maximum dim level	10%

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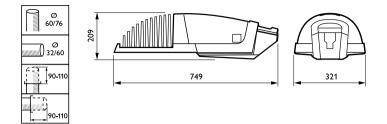
Product Data Order product name

Full product name	BGP340 LED1103S/740 PSR II DM LS-8
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Full product code	871829106545600
Order code	910925438620
Material Nr. (12NC)	910925438620
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291065456
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291065456

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Dimensional drawing





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