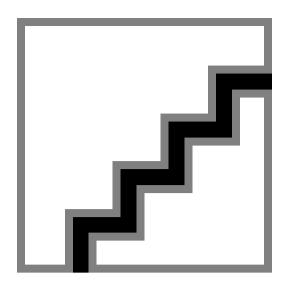
PHILIPS Lighting



Selenium LED

BGP340 LED110--3S/740 PSR II DM DDF1 48/

Selenium LED, LED module 11000 lm, 740 neutral white, Power supply unit regulating, Safety class II, Distribution medium, DynaDimmer with fixed presets version 1, 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

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
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
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"Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen
luminaires - January 2018": statistically there is no relevant difference in lumen
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.
ight 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	DynaDimmer with fixed presets version 1
Light Technical	
Upward light output ratio	0
Luminous Flux	9,381 lm
Standard tilt angle posttop	0°

Selenium LED

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

Lammane light beam spread	100
Optic type outdoor	Distribution medium
Operating and Electrical	
nput Voltage	220-240 V
Line Frequency	50 to 60 Hz
nrush current	80 A
nrush time	150 ms
Power Consumption	85 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 3-pole
Cable	-

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Number of products on MCB of 16 A type 8 в

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Tom	perature	
1 CIII	perature	

Ambient temperature range

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

-30 to +45 °C

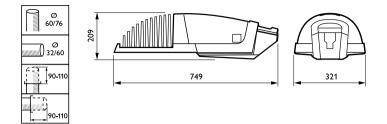
Mechanical and Housing

-	
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

Overall width	320 mm
Overall height	210 mm
Effective projected area	0.07 m²
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	
Control gear failure rate at median useful	75%
-	7.5 %
life 75000 h	
life 75000 h Lumen maintenance at median useful life*	
life 75000 h	
life 75000 h Lumen maintenance at median useful life* 75000 h	
life 75000 h Lumen maintenance at median useful life*	
life 75000 h Lumen maintenance at median useful life* 75000 h Application Conditions	L80
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life 75000 h Lumen maintenance at median useful life* 75000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data	L80 25 °C 10%
life 75000 h Lumen maintenance at median useful life* 75000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data	L80 25 °C 10% BGP340 LED1103S/740 PSR II DM DDF1
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Selenium LED

Dimensional drawing





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