PHILIPS Lighting



Selenium LED

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

Selenium LED, LED module 11000 lm, Power supply unit (On/ Off), Distribution medium, 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

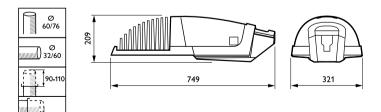
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 960 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0
Luminous Flux	9,381 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color rendering index (CRI)	≥70

Selenium LED

Number of light sources1Light source color740 neutral whiteOptical cover typeFlat glassLuminaire light beam spread160°Optic type outdoorDistribution mediumOperating and Electrical220-240 VInput Voltage220-240 VLine Frequency50 to 60 HzInrush current80 APower Consumption85 WPower Consumption0.95ConnectionScrew connection block 3-poleCable-Number of products on MCB of 16 A type B8Temperature-30 to +45 °CNumber of products on MCB of 16 A type B8Temperature-30 to +45 °CMumber of products on MCB of 16 A type B8Temperature-30 to +45 °CControls and DimmingNoDimmableNoDriver/power unit/transformerPower supply unit (On/Off)Constant light outputNoReflector material-Optical cover materialGlassOptical cover materialGlassFixation materialStainless steelHousing ColorAluminum and grayMounting deviceUniversal for diameter 48 to 60 mmOptical cover finishClearOverall length750 mmOverall length750 mm		
Optical cover typeFlat glassLuminaire light beam spread160°Optic type outdoorDistribution mediumOperating and ElectricalInput VoltageInput Voltage220-240 VLine Frequency50 to 60 HzInrush current80 AInrush current80 APower Consumption85 WPower Consumption0.95ConnectionScrew connection block 3-poleCable-Temperature-30 to +45 °CMumber of products on MCB of 16 A type B8Temperature-30 to +45 °CControls and DimmingNoDimmableNoDriver/power unit/transformerPower supply unit (On/Off)Constant light outputNoMechanical and HousingAluminumReflector material-Optical cover materialGlassOptical cover materialStainless steelHousing ColorAluminum and grayMounting deviceUniversal for diameter 48 to 60 mmOptical cover finishClearOptical length750 mm	Number of light sources	1
Luminaire light beam spread 160° Optic type outdoor Distribution medium Operating and Electrical Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush current 80 A Inrush current 80 A Inrush time 150 ms Power Consumption 85 W Power Consumption 0.95 Connection Screw connection block 3-pole Cable - Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +45 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic aterial Glass Coptical cover material Stainless steel Housing Color Aluminum and gray Mounting device Universal for diameter 48 to 60 mm Optical cover finish Clear Optical cover finish Clear	Light source color	740 neutral white
Optic type outdoorDistribution mediumOperating and ElectricalInput Voltage220-240 VLine Frequency50 to 60 HzInrush current80 AInrush current80 APower Consumption85 WPower Consumption0.95ConnectionScrew connection block 3-poleCable-Number of products on MCB of 16 A type B8Temperature-Ambient temperature range-30 to +45 °CControls and DimmingNoDimmableNoDriver/power unit/transformerPower supply unit (On/Off)Constant light outputNoMechanical and Housing-Housing MaterialAluminumReflector material-Optic acover materialGlassOptical cover materialStainless steelHousing ColorAluminum and grayMounting deviceUniversal for diameter 48 to 60 mmOptical cover finishClearOverall length750 mm	Optical cover type	Flat glass
Operating and Electrical Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush current 80 A Inrush time 150 ms Power Consumption 85 W Power Consumption 0.95 Connection Screw connection block 3-pole Cable - Number of products on MCB of 16 A type B 8 Temperature - Ambient temperature range -30 to +45 °C Controls and Dimming No Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing - Housing Material Aluminum Reflector material - Optic acover 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	Luminaire light beam spread	160°
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Mounting deviceUniversal for diameter 48 to 60 mmOptical cover shapeFlatOptical cover finishClearOverall length750 mm	Fixation material	Stainless steel
Optical cover shape Flat Optical cover finish Clear Overall length 750 mm	Housing Color	Aluminum and gray
Optical cover finish Clear Overall length 750 mm	Mounting device	Universal for diameter 48 to 60 mm
Overall length 750 mm	Optical cover shape	Flat
	Optical cover finish	Clear
Overall width 320 mm	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-proc
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 Complia Control gear failure rate at median useful	nt) 7.5 %
life 75000 h Lumen maintenance at median useful life* 75000 h	L80
Lumen maintenance at median useful life*	L80
Lumen maintenance at median useful life* 75000 h	L80 25 °C
Lumen maintenance at median useful life* 75000 h Application Conditions	
Lumen maintenance at median useful life* 75000 h Application Conditions Performance ambient temperature Tq	25 °C
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Lumen maintenance at median useful life* 75000 h Application Conditions Performance ambient temperature Tq Product Data Order product name	25 °C BGP340 LED1103S/740 PSU II DM 48/60
Lumen maintenance at median useful life* 75000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name	25 °C BGP340 LED1103S/740 PSU II DM 48/60 BGP340 LED1103S/740 PSU II DM 48/60
Lumen maintenance at median useful life* 75000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code	25 °C BGP340 LED1103S/740 PSU II DM 48/60 BGP340 LED1103S/740 PSU II DM 48/60 871829106351300
Lumen maintenance at median useful life* 75000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code Order code	25 °C BGP340 LED11035/740 PSU II DM 48/60 BGP340 LED11035/740 PSU II DM 48/60 871829106351300 06351300
Lumen maintenance at median useful life* 75000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	25 ℃ BGP340 LED1103S/740 PSU II DM 48/60 BGP340 LED1103S/740 PSU II DM 48/60 871829106351300 06351300 910925438551
Lumen maintenance at median useful life* 75000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	25 ℃ BGP340 LED1103S/740 PSU II DM 48/60 BGP340 LED1103S/740 PSU II DM 48/60 871829106351300 06351300 910925438551 1

Dimensional drawing



90-110

Selenium LED



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