



# **Selenium LED**

## BGP340 LED110--3S/740 PSR I DM DDF1 48/6

Selenium LED, LED module 11000 lm, Power supply unit regulating, Distribution medium, DynaDimmer with fixed presets version 1, 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	DynaDimmer with fixed presets version 1
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	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K

Datasheet, 2023, April 30 data subject to change

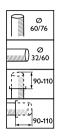
### **Selenium LED**

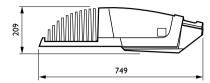
Luminous Efficacy (rated) (Nom)	110 lm/W
Color rendering index (CRI)	≥70
Number of light sources	1
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	160°
Optic type outdoor	Distribution medium
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	80 A
Inrush time	150 ms
Power Consumption	85 W
Power Factor (Fraction)	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	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Analog
Constant light output	No
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 height	210 mm
Effective projected area	0.07 m <sup>2</sup>
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 I
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	ant)
Control gear failure rate at median useful	7.5 %
life 75000 h	
1	
Lumen maintenance at median useful life*	L80
75000 h	L80
	L80
	L80
75000 h	25 ℃
75000 h  Application Conditions	
75000 h  Application Conditions  Performance ambient temperature Tq	25 ℃
75000 h  Application Conditions  Performance ambient temperature Tq	25 ℃
75000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level	25 ℃
75000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data	25 °C 10%
75000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data	25 °C 10% BGP340 LED1103S/740 PSR I DM DDF1
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75000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product name  Full product code	25 °C 10% BGP340 LED1103S/740 PSR I DM DDF1 48/6 BGP340 LED1103S/740 PSR I DM DDF1 48/6 871829106371100
75000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product name  Full product code  Order code	25 °C 10%  BGP340 LED1103S/740 PSR I DM DDF1 48/6 BGP340 LED1103S/740 PSR I DM DDF1 48/6 871829106371100 06371100
75000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product name  Full product code  Order code  Material Nr. (12NC)	25 °C 10%  BGP340 LED1103S/740 PSR I DM DDF1 48/6 BGP340 LED1103S/740 PSR I DM DDF1 48/6 871829106371100 06371100 910925438571
75000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product name  Full product code  Order code  Material Nr. (12NC)  Numerator - Quantity Per Pack	25 °C 10%  BGP340 LED1103S/740 PSR I DM DDF1 48/6  BGP340 LED1103S/740 PSR I DM DDF1 48/6  871829106371100 06371100 910925438571 1

### **Selenium LED**

#### Dimensional drawing









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