



# **Selenium LED**

## BGP340 LED110--3S/740 PSR II DM DDF2 48/

Selenium LED, LED module 11000 lm, 740 neutral white, Power supply unit regulating, Safety class II, Distribution medium, DynaDimmer with fixed presets version 2, 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	DynaDimmer with fixed presets version 2	
Light Technical		
Upward light output ratio	0	
Luminous Flux	9,381 lm	
Standard tilt angle posttop	O°	

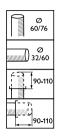
Datasheet, 2023, September 4 data subject to change

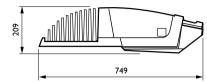
### **Selenium LED**

Chan double an alous to	00	Occupation datable	220
Standard tilt angle side entry	0°	Overall width	320 mm
Correlated Color Temperature (Nom)	4000 K	Overall height	210 mm
Luminous Efficacy (rated) (Nom)	110 lm/W	Effective projected area	0.07 m²
Color rendering index (CRI)	≥70	Dimensions (Height x Width x Depth)	210 x 320 x 750 mm
Number of light sources	1		
Light source color	740 neutral white	Approval and Application	
Optical cover type	Flat glass	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Luminaire light beam spread	160°	Mech. impact protection code	IK08 [5 J vandal-protected]
Optic type outdoor	Distribution medium	Surge Protection (Common/Differential)	6/4 kV
		Protection class IEC	Safety class II
Operating and Electrical			
Input Voltage	220-240 V	Initial Performance (IEC Compliant)	
Line Frequency	50 to 60 Hz	Luminous flux tolerance	+/-7%
Inrush current	80 A	Initial chromaticity	(0.380, 0.370) SDCM <3
Inrush time	150 ms	Power consumption tolerance	+/-10%
Power Consumption	85 W	Init. Color Rendering Index Tolerance	+/-2
Power Factor (Fraction)	0.95		
Connection	Screw connection block 3-pole	Over Time Performance (IEC Compliant)	
Cable	-	Control gear failure rate at median useful	7.5 %
Number of products on MCB of 16 A type	8	life 75000 h	
В		Lumen maintenance at median useful life	* L80
		75000 h	
Temperature		75000 h	
Temperature Ambient temperature range	-30 to +45 °C	75000 h  Application Conditions	
	-30 to +45 °C		25 °C
	-30 to +45 °C	Application Conditions	25 °C 10%
Ambient temperature range	-30 to +45 °C Yes	Application Conditions  Performance ambient temperature Tq	
Ambient temperature range  Controls and Dimming		Application Conditions  Performance ambient temperature Tq	
Ambient temperature range  Controls and Dimming  Dimmable	Yes	Application Conditions  Performance ambient temperature Tq  Maximum dim level	
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer	Yes Power supply unit regulating	Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data	10%
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface	Yes Power supply unit regulating Analog	Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data	10% BGP340 LED1103S/740 PSR II DM DDF2
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface	Yes Power supply unit regulating Analog	Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name	BGP340 LED1103S/740 PSR II DM DDF2 48/
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output	Yes Power supply unit regulating Analog	Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name	BGP340 LED1103S/740 PSR II DM DDF2 48/ BGP340 LED1103S/740 PSR II DM DDF2
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing	Yes Power supply unit regulating Analog No	Application Conditions Performance ambient temperature Tq Maximum dim level  Product Data Order product name  Full product name	BGP340 LED1103S/740 PSR II DM DDF2 48/ BGP340 LED1103S/740 PSR II DM DDF2 48/
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing Material	Yes Power supply unit regulating Analog No	Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product name  Full product code	BGP340 LED1103S/740 PSR II DM DDF2 48/ BGP340 LED1103S/740 PSR II DM DDF2 48/ 871829106386500
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing Material  Reflector material	Yes Power supply unit regulating Analog No  Aluminum	Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product name  Full product code  Order code	BGP340 LED1103S/740 PSR II DM DDF2 48/ BGP340 LED1103S/740 PSR II DM DDF2 48/ 871829106386500 910925438586
Ambient temperature range  Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output  Mechanical and Housing Housing Material Reflector material Optic material	Yes Power supply unit regulating Analog No  Aluminum - Glass	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)	BGP340 LED1103S/740 PSR II DM DDF2 48/ BGP340 LED1103S/740 PSR II DM DDF2 48/ 871829106386500 910925438586 910925438586
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing Material  Reflector material  Optic material  Optical cover material	Yes Power supply unit regulating Analog No  Aluminum - Glass Glass	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	BGP340 LED1103S/740 PSR II DM DDF2 48/ BGP340 LED1103S/740 PSR II DM DDF2 48/ 871829106386500 910925438586 910925438586
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing Material  Reflector material  Optic material  Optical cover material  Fixation material	Yes Power supply unit regulating Analog No  Aluminum - Glass Glass Stainless steel	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  EAN/UPC - Product/Case	BGP340 LED1103S/740 PSR II DM DDF2 48/ BGP340 LED1103S/740 PSR II DM DDF2 48/ 871829106386500 910925438586 910925438586 1 8718291063865
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing Material  Reflector material  Optic material  Optical cover material  Fixation material  Housing Color	Yes Power supply unit regulating Analog No  Aluminum - Glass Glass Stainless steel Aluminum and gray	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  EAN/UPC - Product/Case  Numerator - Packs per outer box	BGP340 LED1103S/740 PSR II DM DDF2 48/ BGP340 LED1103S/740 PSR II DM DDF2 48/ 871829106386500 910925438586 910925438586 1 8718291063865
Ambient temperature range  Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output  Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device	Yes Power supply unit regulating Analog No  Aluminum - Glass Glass Stainless steel Aluminum and gray Universal for diameter 48 to 60 mm	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  EAN/UPC - Product/Case  Numerator - Packs per outer box	BGP340 LED1103S/740 PSR II DM DDF2 48/ BGP340 LED1103S/740 PSR II DM DDF2 48/ 871829106386500 910925438586 910925438586 1 8718291063865
Ambient temperature range  Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output  Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device Optical cover shape	Yes Power supply unit regulating Analog No  Aluminum - Glass Glass Stainless steel Aluminum and gray Universal for diameter 48 to 60 mm Flat	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  EAN/UPC - Product/Case  Numerator - Packs per outer box	BGP340 LED1103S/740 PSR II DM DDF2 48/ BGP340 LED1103S/740 PSR II DM DDF2 48/ 871829106386500 910925438586 910925438586 1 8718291063865

### **Selenium LED**

#### Dimensional drawing









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