



Selenium LED

BGP340 LED110--3S/740 PSR II DM DDF3 48/

Selenium LED, LED module 11000 lm, 740 neutral white, Power supply unit regulating, Safety class II, Distribution medium, DynaDimmer with fixed presets version 3, 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 3		
Light Technical			
Upward light output ratio	0		
Luminous Flux	9,381 lm		
Standard tilt angle posttop	O°		

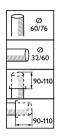
Datasheet, 2023, September 4 data subject to change

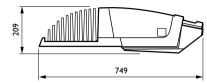
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Standard tilt angle side entry	0°	Overall width	320 mm	
Correlated Color Temperature (Nom)	4000 K	Overall height	210 mm	
Luminous Efficacy (rated) (Nom)	110 lm/W	Effective projected area	0.07 m ²	
Color rendering index (CRI)	≥70	Dimensions (Height 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				
Ambient temperature range	-30 to +45 °C	Application Conditions		
		Performance ambient temperature Tq	25 ℃	
Controls and Dimming		Maximum dim level	10%	
Dimmable	Yes			
Driver/power unit/transformer	Power supply unit regulating	Product Data		
Control interface	Analog	Order product name	BGP340 LED1103S/740 PSR II DM DDF3	
Constant light output	No		48/	
		Full product name	BGP340 LED1103S/740 PSR II DM DDF3	
Mechanical and Housing			48/	
Housing Material	Aluminum	Full product code	871829106396400	
Reflector material	-	Order code	910925438596	
Optic material	Glass	Material Nr. (12NC)	910925438596	
Optical cover material	Glass	Numerator - Quantity Per Pack	1	
Fixation material	Stainless steel	EAN/UPC - Product/Case	8718291063964	
Housing Color	Aluminum and gray	Numerator - Packs per outer box	1	
Mounting device	Universal for diameter 48 to 60 mm	EAN/UPC - Case	8718291063964	
Optical cover shape	Flat			
Optical cover finish	Clear			
Overall length	750 mm			
	750 11111			

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Dimensional drawing









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