



Selenium LED

BGP340 LED110--3S/740 PSR II DM LS-8 48/

Selenium LED, LED module 11000 lm, 740 neutral white, Power supply unit regulating, Safety class II, Distribution medium, LumiStep dimming 8 hours, 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	
Embedded control	LumiStep dimming 8 hours	
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°	

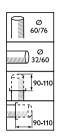
Datasheet, 2023, April 29 data subject to change

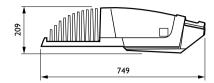
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Standard tilt angle side entry	O°	Overall width	320 mm
Correlated Color Temperature (Nom)	4000 K	Overall height	210 mm
Luminous Efficacy (rated) (Nom)	110 lm/W	Effective projected area	0.07 m²
Color rendering index (CRI)	≥70	Dimensions (Height x Width 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-pro
Luminaire light beam spread	160°	Mech. impact protection code	IKO8 [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 Compl	iant)
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 LS-8
Constant light output	No		48/
		Full product name	BGP340 LED1103S/740 PSR II DM LS-8
Mechanical and Housing			48/
Housing Material	Aluminum	Full product code	871829106545600
Reflector material	-	Order code	06545600
Optic material	Glass	Material Nr. (12NC)	910925438620
Optical cover material	Glass	Numerator - Quantity Per Pack	1
Fixation material	Stainless steel	EAN/UPC - Product/Case	8718291065456
Housing Color	Aluminum and gray	Numerator - Packs per outer box	1
	Aluminum and gray Universal for diameter 48 to 60 mm	Numerator - Packs per outer box EAN/UPC - Case	8718291065456
Mounting device		<u> </u>	
Housing Color Mounting device Optical cover shape Optical cover finish	Universal for diameter 48 to 60 mm	<u> </u>	

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Dimensional drawing









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