PHILIPS Lighting



Selenium LED

BGP340 LED37--3S/740 PSU II DM MSP 48/60

Selenium LED, LED module 3700 lm, Power supply unit (On/ Off), Distribution medium, Marine-salt protected coating, Universal for diameter 48 to 60 mm

Selenium LED is a cost-effective road lighting LED luminaire, delivering significant energy saving compared with conventional solutions. Energy savings can be further enhanced with the range of integrated control options. Selenium LED delivers high quality neutral white light with excellent uniformity using Philips LEDGINE technology. Installation and maintenance is made simple using plug connectors and drivers that are directly accessible without the use of tools.

Product data

General Information		
Lamp family code	LED37 [LED module 3700 lm]	
Light source replaceable	Yes	
Number of gear units	Unit	
Driver included	Yes	
Photocell	-	
Remarks	*- According to the Lighting Europe	
	guidance paper 'Evaluating performance of	
	LED based luminaires – January 2018':	
	statistically there is no relevant difference in	
	lumen maintenance between the B50 and,	
	for example, the B10. Therefore, the median	
	useful life (B50) value also represents the	
	B10 value.	
Light source engine type	LED	
Product family code	BGP340 [Selenium LED]	

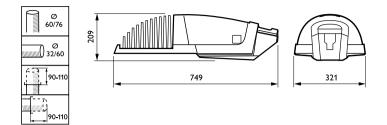
Lighting Technology	LED	
Embedded control	-	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	
ENEC mark	ENEC mark	
Glow-wire test	Temperature 960 °C, duration 5 s	
EU RoHS compliant	No	
Light Technical		
Upwards light output ratio	0	
Luminous Flux	3,254 lm	
Standard tilt angle post-top	0°	
Standard tilt angle side entry	0°	
Correlated Colour Temperature	4000 K	
Luminous efficacy (rated) (nom.)	112 lm/W	

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Colour rendering index (CRI)	≥70	Effective projected area	0.07 m²	
Light source colour	740 neutral white	Dimensions (height x width x depth)	210 x 320 x 750 mm	
Optical cover type	Flat glass			
Luminaire light beam spread	160°	Approval and Application		
Optic type outdoor	Distribution medium	Ingress protection code	IP66 [Dust penetration-protected, jet-pro	
		Mech. impact protection code	IK08 [5 J vandal-protected]	
Operating and Electrical		Surge Protection (Common/Differential)	6/4 kV	
Input Voltage	220-240 V	Protection class IEC	Safety class II	
Line Frequency	50 to 60 Hz			
Inrush current	65 A	Initial Performance (IEC Compliant)		
Inrush time	100 ms	Luminous flux tolerance	+/-7%	
Power Consumption	29 W	Initial chromaticity	(0.380, 0.370) SDCM <3	
Power Factor (Fraction)	0.95	Power consumption tolerance	+/-10%	
Connection	Screw connection block 3-pole	Init. Color Rendering Index Tolerance	+/-2	
Cable	-			
Number of products on MCB of 16 A type	20	Over Time Performance (IEC Compliant)		
В		Control gear failure rate at median useful	Control gear failure rate at median useful 7.5 %	
		life 50,000 h		
Temperature		Lumen maintenance at median useful life* L80		
Ambient temperature range	-30 to +45 °C	75000 h		
Controls and Dimming		Application Conditions		
Dimmable	No	Performance ambient temperature Tq	25 °C	
Driver/power unit/transformer	Power supply unit (On/Off)			
Constant light output	No	Product Data		
		Order product name	BGP340 LED373S/740 PSU II DM MSP	
Mechanical and Housing			48/60	
Housing material	Aluminium	Full product name	BGP340 LED373S/740 PSU II DM MSP	
Reflector material	-		48/60	
Optic material	Glass	Full EOC	871829106434300	
Optical cover/lens material	Glass	Order code	06434300	
Fixation material	Stainless steel	Material no. (12 NC)	910925438611	
Housing Colour	Aluminium and grey	SAP numerator – quantity per pack	1	
Mounting device	Universal for diameter 48 to 60 mm	EAN/UPC — Product/Case	8718291064343	
Optical cover/lens shape	Flat	Numerator – packs per outer box	1	
Optical cover/lens finish	Clear	EAN/UPC - Case	8718291064343	
Overall length	750 mm			
Overall width	320 mm			
Overall height	210 mm			

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Dimensional drawing





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