PHILIPS Lighting



Selenium LED

BGP340 LED55--3S/740 PSU II DM MSP 48/60

Selenium LED, LED module 5500 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	LED55 [LED module 5500 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	4,792 lm	
Standard tilt angle post-top	0°	
Standard tilt angle side entry	0°	
Correlated Colour Temperature	4000 K	
Luminous efficacy (rated) (nom.)	109 lm/W	

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Colour rendering index (CRI)	≥70	Effective projected area	0.07 m
Light source colour	740 neutral white	Dimensions (height x width x depth)	210 x 3
Optical cover type	Flat glass		
Luminaire light beam spread	160°	Approval and Application	
Optic type outdoor	Distribution medium	Ingress protection code	IP66 [[
		Mech. impact protection code	IK08 [5
Operating and Electrical		Surge Protection (Common/Differential)	6/4 kV
Input Voltage	220-240 V	Protection class IEC	Safety
Line Frequency	50 to 60 Hz		
Inrush current	80 A	Initial Performance (IEC Compliant)	
Inrush time	150 ms	Luminous flux tolerance	+/-7%
Power Consumption	44 W	Initial chromaticity	(0.380
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	11	Over Time Performance (IEC Compli	ant)
B		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	BGP34
Mechanical and Housing			48/60
Housing material	Aluminium	Full product name	BGP34
Reflector material	·		48/60
Optic material	Glass	Full EOC	871829
Optical cover/lens material	Glass	Order code	06435
Fixation material	Stainless steel	Material no. (12 NC)	91092
Housing Colour	Aluminium and grey	SAP numerator – quantity per pack	1
Mounting device	Universal for diameter 48 to 60 mm	EAN/UPC — Product/Case	871829
Optical cover/lens shape	Flat	Numerator – packs per outer box	1
Optical cover/lens finish	Clear	EAN/UPC - Case	871829
Overall length	750 mm		
Overall width	320 mm		
Overall height	210 mm		

0.07 m²

6/4 kV Safety class II

+/-10%

871829106435000 06435000 910925438612

8718291064350

8718291064350

210 x 320 x 750 mm

IK08 [5 J vandal-protected]

(0.380, 0.370) SDCM <3

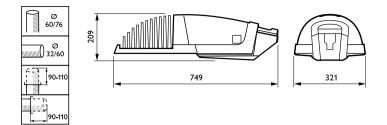
IP66 [Dust penetration-protected, jet-proof]

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Dimensional drawing





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