



Selenium LED

BGP340 LED74--3S/740 PSR I DM DDF2 48/60

Selenium LED, LED module 7400 lm, Power supply unit regulating, Distribution medium, DynaDimmer with fixed presets version 2, 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	LED74 [LED module 7400 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	DynaDimmer with fixed presets version 2
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	6,407 lm
Standard tilt angle post-top	O°
Standard tilt angle side entry	O°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	114 lm/W

Datasheet, 2023, April 29 data subject to change

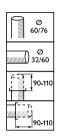
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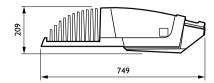
Colour rendering index (CRI)	≥70
Light source colour	740 neutral white
Optical cover type	Flat glass 160°
Luminaire light beam spread	
Optic type outdoor	Distribution medium
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	80 A
Inrush time	150 ms
Power Consumption	56 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 3-pole
Cable	
Number of products on MCB of 16 A type	11
В	
Temperature	
Ambient temperature range	-30 to +45 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Analogue
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium
Reflector material	-
Optic material	Glass
Optical cover/lens material	Glass
Fixation material	Stainless steel
Housing Colour	Aluminium and grey
Mounting device	Universal for diameter 48 to 60 mm
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	750 mm
Overall width	320 mm
Overall height	210 mm

Effective projected area	0.07 m²
Dimensions (height x width x depth)	210 x 320 x 750 mm
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	6/4 kV
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.370) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complia	ant)
Control gear failure rate at median useful	7.5 %
life 50,000 h	
Lumen maintenance at median useful life*	L80
75000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Product Data	
Order product name	BGP340 LED743S/740 PSR I DM DDF2
	48/60
Full product name	BGP340 LED743S/740 PSR I DM DDF2
Full EOC	48/60 871829106379700
Order code	06379700
Material no. (12 NC)	910925438579
SAP numerator – quantity per pack	·
EAN/UPC — Product/Case	8718291063797
Numerator – packs per outer box	·
EAN/UPC - Case	8718291063797

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Dimensional drawing









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