Selenium LED

BGP340 LED92--3S/740 PSR I DM DDF2 48/60

Selenium LED, LED module 9200 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 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	LED92 [LED module 9200 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	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	
Upward light output ratio	0
Luminous Flux	7,906 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K

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Luminous Efficacy (rated) (Nom)	111 lm/W
Color rendering index (CRI)	≥70
Number of light sources	1
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	160°
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	71 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B	8

Temperature

Ambient temperature range	-30 to +45 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Analog
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Glass
Optical cover material	Glass
Fixation material	Stainless steel
Housing Color	Aluminum and gray
Mounting device	Universal for diameter 48 to 60 mm
Optical cover shape	Flat
Optical cover 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 Compliant)

Control gear failure rate at median useful life 75000 h	7.5 %
Lumen maintenance at median useful life* 75000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	10%

Product Data

Order product name	BGP340 LED92--3S/740 PSR I DM DDF2 48/60
Full product name	BGP340 LED92--3S/740 PSR I DM DDF2 48/60
Full product code	871829106380300
Order code	06380300
Material Nr. (12NC)	910925438580
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291063803
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291063803

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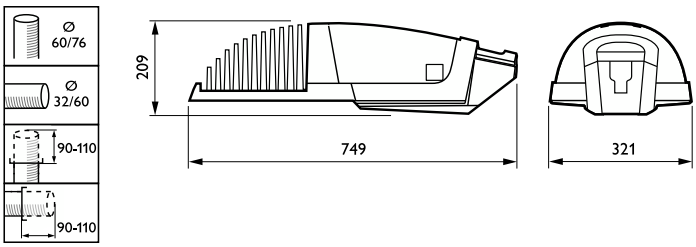
Dimensional drawing



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