



# 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		Product family code	
Lamp family code	LED110 [LED module 11000 lm]	Product family code	BGP340 [Selenium LED]
Light source replaceable	Yes	Lighting Technology	LED
Number of gear units	1 unit	Embedded control	LumiStep dimming 8 hours
Driver included	Yes	CE mark	Yes
Photocell	-	Warranty period	5 years
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.	Flammability mark	-
Light source engine type	LED	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	0°

# Selenium LED

Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	110 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	85 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 m <sup>2</sup>
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 II

## 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 LED110--3S/740 PSR II DM LS-8 48/
Full product name	BGP340 LED110--3S/740 PSR II DM LS-8 48/
Full product code	871829106545600
Order code	06545600
Material Nr. (12NC)	910925438620
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291065456
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291065456

# Selenium LED

## Dimensional drawing

