



# **Selenium LED**

## BGP340 LED55--3S/740 PSR I DM DDF2 48/60

Selenium LED, LED module 5500 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	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]

LED
DynaDimmer with fixed presets version 2
Yes
5 years
-
ENEC mark
Temperature 960 °C, duration 5 s
No
0
4,792 lm
0°
0°
4000 K
109 lm/W

Datasheet, 2023, April 29 data subject to change

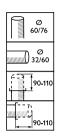
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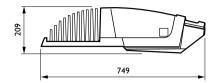
Colour rendering index (CRI)	≥70
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	160°
Optic type outdoor	Distribution medium
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	80 A
Inrush time	150 ms
Power Consumption	44 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 Compliant)		
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 ℃	
Maximum dim level	10%	
Product Data		
Order product name	BGP340 LED553S/740 PSR I DM DDF2	
	48/60	
Full product name	BGP340 LED553S/740 PSR I DM DDF2	
	48/60	
Full EOC	871829106378000	
Order code	06378000	
Material no. (12 NC)	910925438578	
SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case	8718291063780	
Numerator – packs per outer box	1	
EAN/UPC - Case	8718291063780	

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#### Dimensional drawing









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