



Green Perform Highbay Elite

BY718P LED100/NW PSU WB

Power supply unit - Symmetrical - Lens - 90°

Following the success of GreenPerform Highbay families, GreenPerform Highbay Elite is a big surprising gift for industry solutions, with big innovative insights embedded. Elite comes with a completely new finless aesthetics design which received the iF Design Award 2019 and Reddot Design Award 2019. Next to a unique look and feel, it also offers higher system efficiency, better light quality, longer lifetime and system-interaction offering with affordable price.

Product data

General Information		Operating and Electrical	
Lamp colour code	840 neutral white	ENEC mark	-
Light source replaceable	No	Warranty period	3 years
Number of gear units	1 unit	Constant light output	No
Driver/power unit/transformer	PSU [Power supply unit]	Number of products on MCB (16 A type B)	6
Driver included	Yes	EU RoHS compliant	Yes
Optic type	Symmetrical	Light source engine type	LED
Optical cover/lens type	Lens	Input Voltage	220 to 240 V
Luminaire light beam spread	90°	Input frequency	50 or 60 Hz
Control interface	-	Inrush current	54 A
Cable	Cable 0.3 m without plug	Inrush time	0.65 ms
Protection class IEC	Safety class I (I)	Power factor (min.)	0.95
Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]		
Flammability mark	F [For mounting on normally flammable surfaces]		
CE mark	CE mark		

Green Perform Highbay Elite

Controls and Dimming

Dimmable	No
----------	----

Mechanical and Housing

Housing material	Aluminum die-cast
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Frosted
Overall height	95 mm
Overall diameter	385 mm
Colour	Grey

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	11000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	156 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80

Initial input power	68 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	75000 h
---------------------------	---------

Application Conditions

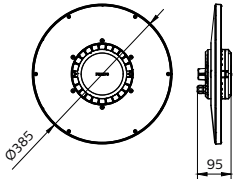
Ambient temperature range	-30 to +50 °C
Maximum dimming level	Not applicable
Suitable for random switching	No

Product Data

Full product code	911401569151
Order product name	BY718P LED100/NW PSU WB
Order code	911401569151
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401569151
SAP net weight (piece)	3.300 kg



Dimensional drawing



BY718P GreenPerform Highbay Elite

