



Green Perform Highbay Elite

BY718P LED100/NW PSU WB CAU

Power supply unit - Symmetrical - Lens - 90°

GreenPerform Highbay Elite is the latest innovation in a successful range of highbay luminaires for high ceiling and industrial applications. The unique finless design has received the iF Design Award 2019 and Reddot Design Award 2019 for its aesthetic appeal. But this versatile luminaire offers a wealth of practical features too, including great light quality, high energy savings, a long lifetime at an affordable price and a wide variety of optics and lumen packages. The Green Perform Highbay Elite luminaire provides options for advanced connectivity with IoT-based systems and software applications including the Interact Pro system. If you're looking for a 'fit and forget' robust and reliable solution with connectivity advantages, Green Perform Highbay Elite is the smart choice.

Product data

General information		Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
Lamp colour code	840 neutral white	Flammability mark	F [For mounting on normally flammable surfaces]
Light source replaceable	No	CE mark	CE mark
Number of gear units	1 unit	ENEC mark	-
Driver/power unit/transformer	PSU [Power supply unit]	Warranty period	3 years
Driver included	Yes	Constant light output	No
Optic type	Symmetrical	Number of products on MCB (16 A type B)	6
Optical cover/lens type	Lens	EU RoHS compliant	Yes
Luminaire light beam spread	90°	Light source engine type	LED
Control interface	-		
Cable	Cable 3.0 m with plug		
Protection class IEC	Safety class I (I)		

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Operating and electrical	
Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Inrush current	54 A
Inrush time	0.65 ms
Power factor (min.)	0.95

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%

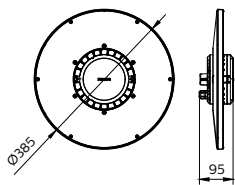
Over time performance (IEC compliant)	
Median useful life L70B50	75000 h

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

Product data	
Full product code	911401569651
Order product name	BY718P LED100/NW PSU WB CAU
Order code	911401569651
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401569651
Net Weight (Piece)	3.500 kg



Dimensional drawing



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