



Green Perform Highbay Elite

BY718P LED150/NW PSU WB NCH

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			
Lamp colour code	840 neutral white	Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
Light source replaceable	No	Flammability mark	F [For mounting on normally flammable surfaces]
Number of gear units	1 unit	CE mark	CE mark
Driver/power unit/transformer	PSU [Power supply unit]	ENEC mark	-
Driver included	Yes	Warranty period	3 years
Optic type	Symmetrical	Constant light output	No
Optical cover/lens type	Lens	Number of products on MCB (16 A type B)	6
Luminaire light beam spread	90°	EU RoHS compliant	Yes
Control interface	-	Light source engine type	LED
Cable	Cable 0.3 m without 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
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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	415 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)	15000 lm
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Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	145 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80
Initial input power	102 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

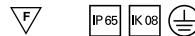
Median useful life L70B50	75000 h
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Application Conditions

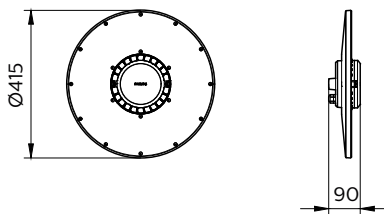
Ambient temperature range	-30 to +50 °C
Maximum dimming level	Not applicable
Suitable for random switching	No

Product Data

Full product code	91140157751
Order product name	BY718P LED150/NW PSU WB NCH
Order code	91140157751
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	91140157751
SAP net weight (piece)	4.300 kg



Dimensional drawing



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