



Green Perform Highbay Elite

BY718P LED100/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
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	Symmetrical
Optical cover/lens type	Lens
Luminaire light beam spread	90°
Control interface	-
Cable	Cable 0.3 m without plug
Protection class IEC	Safety class I (I)
Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Constant light output	No
Number of products on MCB (16 A type B)	6
EU RoHS compliant	Yes
Light source engine type	LED

Green Perform Highbay Elite

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	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)	10000 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	68 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

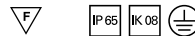
Median useful life L70B50	75000 h
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Application Conditions

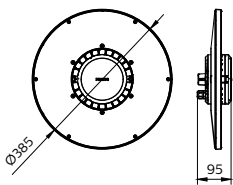
Ambient temperature range	-30 to +50 °C
Maximum dimming level	Not applicable
Suitable for random switching	No

Product Data

Full product code	911401573451
Order product name	BY718P LED100/NW PSU WB NCH
Order code	911401573451
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401573451
SAP net weight (piece)	3.300 kg



Dimensional drawing



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