



Green Perform Highbay Elite

BY718P LED100/CW PSD NB

Power supply unit with DALI interface - Symmetrical - Polycarbonate bowl/cover - 54° -

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		Protection class IEC	
Lamp colour code	865 cool daylight	Protection class IEC	Safety class I (I)
Light source replaceable	No	Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
Number of gear units	1 unit	Flammability mark	F [For mounting on normally flammable surfaces]
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]	CE mark	CE mark
Driver included	Yes	ENEC mark	-
Optic type	Symmetrical	Warranty period	3 years
Optical cover/lens type	PC [Polycarbonate bowl/cover]	Constant light output	No
Luminaire light beam spread	54°	Number of products on MCB (16 A type B)	8
Control interface	DALI	EU RoHS compliant	Yes
Cable	Cable 0.3 m without plug		

Green Perform Highbay Elite

Light source engine type	LED
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Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power factor (min.)	0.95

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Frosted
Overall height	445 mm
Overall diameter	385 mm
Colour	Black and 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
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Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	145 lm/W
Lamp colour temperature	6500 K
Colour Rendering Index	>80
Initial input power	73 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

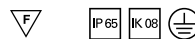
Median useful life L70B50	75000 h
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Application Conditions

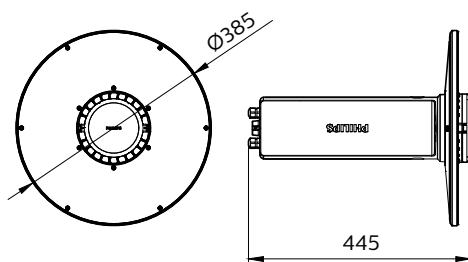
Ambient temperature range	-30 to +50 °C
Maximum dimming level	1%
Suitable for random switching	No

Product Data

Full product code	911401571851
Order product name	BY718P LED100/CW PSD NB
Order code	911401571851
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401571851
SAP net weight (piece)	6.000 kg



Dimensional drawing



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