



GreenPerform 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		Color rendering index (CRI)	
Light source replaceable	No		>80
Number of gear units	1 unit	Light source color	865 cool daylight
Driver included	Yes	Optic type	Symmetrical
Light source engine type	LED	Optical cover/lens type	Polycarbonate bowl/cover
Service tag	Yes	Luminaire light beam spread	54°
Light Technical		Operating and Electrical	
Luminous Flux	11,000 lumen	Input Voltage	220 to 240 V
Correlated Color Temperature (Nom)	6500 K	Line Frequency	50 or 60 Hz
Luminous Efficacy (rated) (Nom)	145 lm/W	Input Frequency	50 or 60 Hz
		Power Consumption	73 W

GreenPerform Highbay Elite

Inrush current	53 A
Inrush time	0.3 ms
Power Factor (Fraction)	0.95
Cable	Cable 0.3 m without plug
Number of products on MCB of 16 A type B 8	

Temperature

Ambient temperature range	-30 to +50 °C
---------------------------	---------------

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Housing Color	Black and gray
Optical cover/lens finish	Frosted
Overall height	445 mm
Overall diameter	385 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s

Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.0021 %
Median useful life L70B50	75,000 hour(s)

Application Conditions

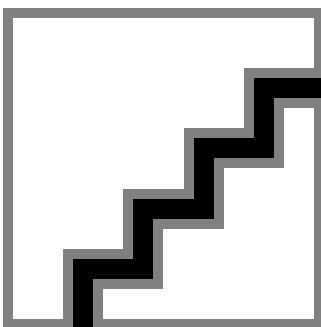
Maximum dim level	1%
Suitable for random switching	No

Product Data

Full product code	911401571851
Order product name	BY718P LED100/CW PSD NB
Order code	911401571851
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	911401571851
Full product name	BY718P LED100/CW PSD NB



Dimensional drawing



GreenPerform Highbay Elite

