



GreenPerform Highbay Elite

BY718P LED300/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	
Light source replaceable	No
Number of gear units	2 units
Driver included	Yes
Light source engine type	LED
Service tag	Yes

Light Technical	
Luminous Flux	30,000 lumen
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	137 lm/W

Color rendering index (CRI)	>80
Light source color	865 cool daylight
Optic type	Symmetrical
Optical cover/lens type	Polycarbonate bowl/cover
Luminaire light beam spread	54°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Power Consumption	217 W

GreenPerform Highbay Elite

Inrush current	122 A
Inrush time	0.2 ms
Power Factor (Fraction)	0.95
Cable	Cable 0.3 m without plug
Number of products on MCB of 16 A type B	6

Temperature

Ambient temperature range	-30 to +50 °C
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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	464 mm
Overall diameter	510 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	0.0042 %
Median useful life L70B50	75,000 hour(s)

Application Conditions

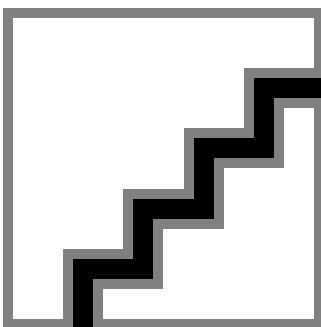
Maximum dim level	1%
Suitable for random switching	No

Product Data

Full product code	911401581351
Order product name	BY718P LED300/CW PSD NB
Order code	911401581351
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	911401581351
Full product name	BY718P LED300/CW PSD NB



Dimensional drawing



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