



GreenPerform Highbay Elite

BY718P LED250/CW PSD NB

GreenPerform Highbay Elite, 183 W, 27000 lm, 6500 K, DALI, 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 Technical	
Light source replaceable	No	Luminous Flux	27,000 lm
Number of gear units	2 units	Correlated Color Temperature (Nom)	6500 K
Driver included	Yes	Luminous Efficacy (rated) (Nom)	147 lm/W
Light source engine type	LED	Color rendering index (CRI)	>80
Service tag	Yes	Light source color	865 cool daylight
CE mark	CE mark	Optic type	Symmetrical
Warranty period	3 years	Optical cover type	Polycarbonate bowl/cover
Flammability mark	For mounting on normally flammable surfaces		
ENEC mark	-		
		Glow-wire test	Temperature 650 °C, duration 30 s
		EU RoHS compliant	Yes

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Luminaire light beam spread	54°
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Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	122 A
Inrush time	0.2 ms
Power Consumption	183 W
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 material	Polycarbonate
Housing Color	Black and gray
Optical cover finish	Frosted
Overall height	464 mm

Overall diameter	510 mm
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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

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)

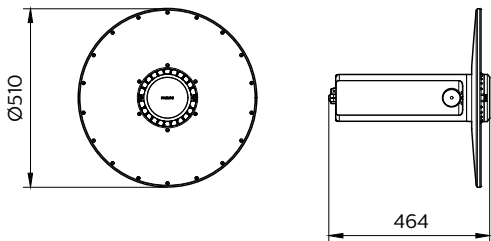
Application Conditions

Maximum dim level	1%
Suitable for random switching	No

Product Data

Order product name	BY718P LED250/CW PSD NB
Full product name	BY718P LED250/CW PSD NB
Full product code	911401580951
Order code	911401580951
Material Nr. (12NC)	911401580951
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



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