



Green Perform Highbay Elite

BY718P LED250/CW PSD WB

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

Following the success of GreenPerform Highbay families, GreenPerform Highbay Elite is a big surprising gift for industry solutions, with big innovative insights embedded. Elite comes with a completely new finless aesthetics design which owns the iF Design Award 2019 and Reddot Design Award 2019. Next to the unique look and feel, it also offers higher system efficiency, better light quality, longer lifetime and system-interaction offering at an affordable price.

Product data

General Information	
Light source colour	865 cool daylight
Light source replaceable	No
Number of gear units	2 units
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Driver included	Yes
Optic type	Symmetrical
Optical cover/lens type	PC [Polycarbonate bowl/cover]
Luminaire light beam spread	54°
Control interface	DALI
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

Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Inrush current	122 A
Inrush time	0.2 ms
Power factor (min.)	0.95

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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Frosted
Overall height	464 mm
Overall diameter	510 mm
Colour	Black and gray

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)	27000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	147 lm/W
Init. Corr. Colour Temperature	6500 K
Init. Colour rendering index	>80

Initial input power	183 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	75000 h
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Application Conditions

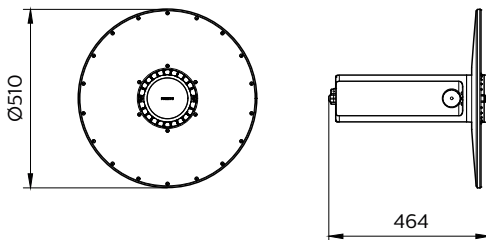
Ambient temperature range	-30 to +50 °C
Maximum dimming level	1%
Suitable for random switching	No

Product Data

Full product code	911401581051
Order product name	BY718P LED250/CW PSD WB
Order code	01581051
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401581051
SAP net weight (piece)	10.000 kg



Dimensional drawing



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