



Green Perform Highbay Elite

BY718P LED300/NW PSD WB CAU

Power supply unit with DALI interface - Symmetrical - Polycarbonate bowl/cover - 90°

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

Product data

General Information	
Lamp colour code	840 neutral white
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	90°
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	Aluminium
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 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)	30000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	137 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80

Initial input power	217 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	75000 h
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Application Conditions

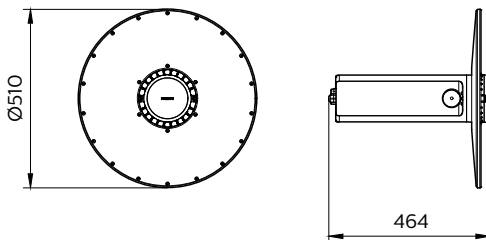
Ambient temperature range	-30 to +50 °C
Maximum dimming level	1%
Suitable for random switching	No

Product Data

Full product code	911401581951
Order product name	BY718P LED300/NW PSD WB CAU
Order code	911401581951
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401581951
SAP net weight (piece)	10.000 kg



Dimensional drawing



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