



Green Perform Highbay Elite

BY718P LED300/NW PSU WB CAU

Power supply unit - Symmetrical - Lens - 90°

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 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		Operating and Electrical	
Lamp colour code	840 neutral white	Input Voltage	220 to 240 V
Light source replaceable	No	Input frequency	50 or 60 Hz
Number of gear units	1 unit	Inrush current	64 A
Driver/power unit/transformer	PSU [Power supply unit]	Inrush time	0.75 ms
Driver included	Yes	Power factor (min.)	0.95
Optic type	Symmetrical		
Optical cover/lens type	Lens		
Luminaire light beam spread	90°		
Control interface	-		
Cable	Cable 3.0 m with 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		
LED engine type	LED		

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminum die-cast
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Frosted
Overall height	90 mm
Overall diameter	510 mm
Colour	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	145 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80

Initial input power	203 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	75000 h
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Application Conditions

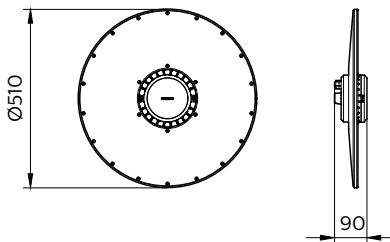
Ambient temperature range	-30 to +50 °C
Maximum dimming level	Not applicable
Suitable for random switching	No

Product Data

Full product code	911401578251
Order product name	BY718P LED300/NW PSU WB CAU
Order code	911401578251
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12 NC)	911401578251
SAP net weight (piece)	5.800 kg



Dimensional drawing



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