



Green Perform Highbay Elite

BY718X LED250/NW IAI WB CAU2

-- Symmetrical -- 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		Flammability mark	
Beam angle of light source	120 °	Flammability mark	F [For mounting on normally flammable surfaces]
Lamp colour code	840 neutral white	CE mark	CE mark
Light source replaceable	No	ENEC mark	-
Number of gear units	1 unit	Warranty period	3 years
Driver/power unit/transformer	No [-]	Constant light output	No
Driver included	Yes	Number of products on MCB (16 A type B)	4
Optic type	Symmetrical	EU RoHS compliant	Yes
Optical cover/lens type	No [-]	Light source engine type	LED
Luminaire light beam spread	90°		
Control interface	-	Operating and Electrical	
Connection	Mains outlet socket	Input Voltage	220 to 240 V
Cable	Cord with plug SAA 3-pole	Input frequency	50 or 60 Hz
Protection class IEC	Safety class I (I)	Initial CLO power consumption	183 W
Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]	Average CLO power consumption	183 W
		Inrush current	70 A

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Inrush time	0.45 ms
Power factor (min.)	0.95

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Frosted
Overall height	480 mm
Overall diameter	510 mm
Colour	Black and Grey

Approval and Application

Ingress protection code	IP54 [Dust accumulation-protected, splash-proof]
Mech. impact protection code	IK05 [0.7 J]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	27000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	147 lm/W

Lamp colour temperature	4000 K
Colour Rendering Index	>80
Initial chromaticity	-
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

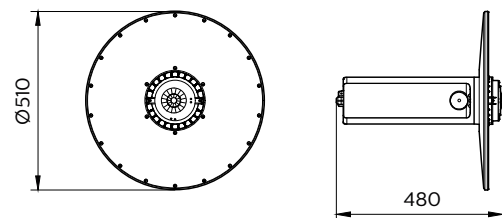
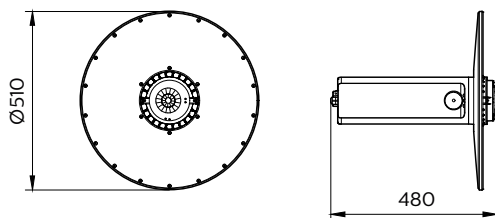
Ambient temperature range	-30 to +50 °C
Maximum dimming level	10%
Suitable for random switching	No

Product Data

Full product code	911401545761
Order product name	BY718X LED250/NW IAI WB CAU2
Order code	911401545761
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401545761
SAP net weight (piece)	10.000 kg



Dimensional drawing



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