



# Green Perform Highbay Elite

**BY718X LED250/CW IAI WB CAU IP65**

-- 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	
Beam angle of light source	120°
Lamp colour code	865 cool daylight
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	No [-]
Driver included	Yes
Optic type	Symmetrical
Optical cover/lens type	No [-]
Luminaire light beam spread	90°
Control interface	-
Connection	Mains outlet socket
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)	4
EU RoHS compliant	Yes
LED engine type	LED

## Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Initial CLO power consumption	183 W
Average CLO power consumption	183 W
Inrush current	70 A

## Green Perform Highbay Elite

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	IP65 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK05 [ 0.7 J]

### Initial Performance (IEC Compliant)

Initial luminous flux	25000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	137 lm/W

Lamp colour temperature	6500 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

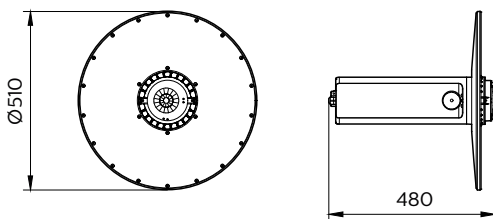
Ambient temperature range	-30 to +50 °C
Maximum dimming level	10%
Suitable for random switching	No

### Product Data

Full product code	911401578961
Order product name	BY718X LED250/CW IAI WB CAU IP65
Order code	911401578961
Numerator – quantity per pack	1
SAP numerator – packs per outer box	1
Material no. (12 NC)	911401578961
SAP net weight (piece)	10.000 kg



## Dimensional drawing



BY718P GreenPerform Highbay Elite

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