



# Green Perform Highbay Elite

## BY718P LED150/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		Operating and Electrical	
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	PSD [ Power supply unit with DALI interface]	Constant light output	No
Driver included	Yes	Number of products on MCB (16 A type B)	8
Optic type	Symmetrical	EU RoHS compliant	Yes
Optical cover/lens type	PC [ Polycarbonate bowl/cover]	Light source engine type	LED
Luminaire light beam spread	90°		
Control interface	DALI	Input Voltage	220 to 240 V
Cable	Cable 0.3 m without plug	Input frequency	50 or 60 Hz
Protection class IEC	Safety class I (I)	Inrush current	53 A
Glow-wire test	650/30 [ Temperature 650 °C, duration 30 s]	Inrush time	0.3 ms
Flammability mark	F [ For mounting on normally flammable surfaces]	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	445 mm
Overall diameter	415 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)	15000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	137 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80

Initial input power	109 W
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

Median useful life L70B50	75000 h
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## Application Conditions

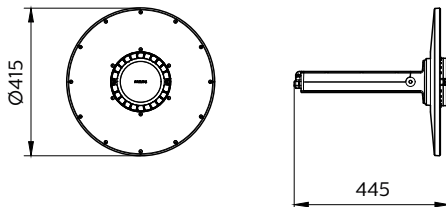
Ambient temperature range	-30 to +50 °C
Maximum dimming level	1%
Suitable for random switching	No

## Product Data

Full product code	911401581751
Order product name	BY718P LED150/NW PSD WB CAU
Order code	911401581751
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401581751
SAP net weight (piece)	7.000 kg



## Dimensional drawing



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