



Green Perform Highbay Elite

BY718P LED100/CW PSD WB

Power supply unit with DALI interface - Symmetrical - Polycarbonate bowl/cover - 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	
Lamp colour code	865 cool daylight
Light source replaceable	No
Number of gear units	1 unit
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	8
LED engine type	LED

Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 or 60 Hz
Inrush current	53 A
Inrush time	0.3 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	445 mm
Overall diameter	385 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	10000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	137 lm/W
Lamp colour temperature	6500 K
Colour Rendering Index	>80

Initial input power	73 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

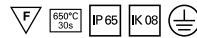
Median useful life L70B50	75000 h
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Application Conditions

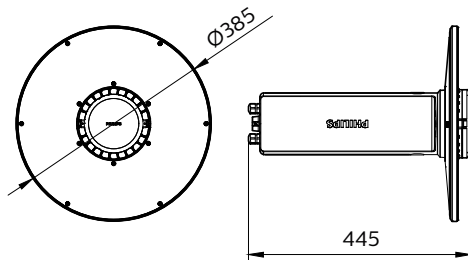
Ambient temperature range	-30 to +50 °C
Maximum dimming level	1%
Suitable for random switching	No

Product Data

Full product code	911401571951
Order product name	BY718P LED100/CW PSD WB
Order code	911401571951
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	911401571951
Net weight (piece)	6.000 kg



Dimensional drawing



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