



GreenPerform Highbay Elite

BY718P LED150/NW PSD WB CAU

GreenPerform Highbay Elite, 109 W, 16300 lm, 4000 K, DALI, 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

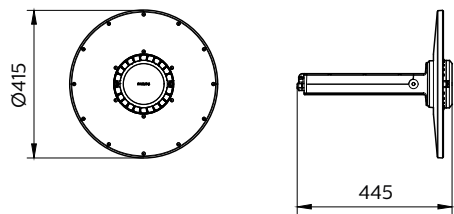
General Information		Light Technical	
Light source replaceable	No	Luminous Flux	16,300 lm
Number of gear units	1 unit	Correlated Color Temperature (Nom)	4000 K
Driver included	Yes	Luminous Efficacy (rated) (Nom)	150 lm/W
Light source engine type	LED	Color rendering index (CRI)	>80
Service tag	Yes	Light source color	840 neutral white
CE mark	CE mark	Optic type	Symmetrical
Warranty period	3 years	Optical cover type	Polycarbonate bowl/cover
Flammability mark	For mounting on normally flammable surfaces	Luminaire light beam spread	90°
ENEC mark	-	Operating and Electrical	
Glow-wire test	Temperature 650 °C, duration 30 s	Input Voltage	220 to 240 V
EU RoHS compliant	Yes	Line Frequency	50 or 60 Hz
		Inrush current	53 A
		Inrush time	0.3 ms

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Power Consumption	109 W
Power Factor (Fraction)	0.95
Cable	Cable 0.3 m without plug
Number of products on MCB of 16 A type B 8	
Temperature	
Ambient temperature range	-30 to +50 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	Black and gray
Optical cover finish	Frosted
Overall height	445 mm
Overall diameter	415 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.0021 %
Median useful life L70B50	75,000 h
Application Conditions	
Maximum dim level	1%
Suitable for random switching	No
Product Data	
Order product name	BY718P LED150/NW PSD WB CAU
Full product name	BY718P LED150/NW PSD WB CAU
Full product code	911401581751
Order code	911401581751
Material Nr. (12NC)	911401581751
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



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