

Lighting

PHILIPS

GreenPerform Highbay Elite

BY718P LED150/CW PSU WB

GreenPerform Highbay Elite, 102 W, 16300 lm, 6500 K, 90°

GreenPerform Highbay Elite is the latest innovation in a successful range of highbay luminaires for high ceiling and industrial applications. The unique finless design has received the iF Design Award 2019 and Reddot Design Award 2019 for its aesthetic appeal. But this versatile luminaire offers a wealth of practical features too, including great light quality, high energy savings, a long lifetime at an affordable price and a wide variety of optics and lumen packages. The Green Perform Highbay Elite luminaire provides options for advanced connectivity with IoT based systems and software applications including the Interact Pro system. If you're looking for a "fit and forget" robust and reliable solution with connectivity advantages, Green Perform Highbay Elite is the smart choice.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Warranty period	3 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s

EU RoHS compliant	Yes
Light Technical	
Luminous Flux	16,300 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	160 lm/W
Color rendering index (CRI)	>80
Light source color	865 cool daylight
Optic type	Symmetrical
Optical cover type	Lens
Luminaire light beam spread	90°

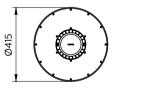
GreenPerform Highbay Elite

Operating and Electrical		Approv
Input Voltage	220 to 240 V	Ingress p
Line Frequency	50 or 60 Hz	Mech. im
Inrush current	54 A	Protectio
Inrush time	0.65 ms	
Power Consumption	102 W	Initial P
Power Factor (Fraction)	0.95	Luminou
Cable	Cable 0.3 m without plug	Power co
Number of products on MCB of 16 A t	з уре В б	
		Over Ti
Temperature		Median u
Ambient temperature range	-30 to +50 °C	
		Applica
Controls and Dimming		Maximur
Dimmable	No	Suitable
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	Product
Constant light output	No	Order pro
		Full prod
Mechanical and Housing		Full prod
Housing Material	Aluminum die cast	Order co
Reflector material	-	Material
Optic material	Polycarbonate	Numerat
Optical cover material	Polycarbonate	EAN/UP
Housing Color	Gray	Numerat
Optical cover finish	Frosted	EAN/UP
Overall height	95 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)	
Median useful life L70B50	75,000 hour(s)
Application Conditions	
Maximum dim level	Not applicable
Suitable for random switching	No
Product Data	
Order product name	BY718P LED150/CW PSU WB
Full product name	BY718P LED150/CW PSU WB
Full product code	872016954872500
Order code	911401576551
Material Nr. (12NC)	
	911401576551
Numerator - Quantity Per Pack	911401576551 1
Numerator - Quantity Per Pack EAN/UPC - Product/Case	· · · · · · · · · · · · · · · · · · ·
	1

Dimensional drawing

Overall diameter





415 mm

GreenPerform Highbay Elite



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 14 - data subject to change