

Lighting

PHILIPS

GreenPerform Highbay Elite

BY718P LED200/CW PSU WB

GreenPerform Highbay Elite, 135 W, 21500 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

FU DeUC compliant	Yes
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	21,500 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	158 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

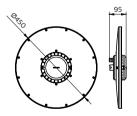
Operating and Electrical		Approva
Input Voltage	220 to 240 V	Ingress pr
Line Frequency	50 or 60 Hz	Mech. imp
Inrush current	54 A	Protection
Inrush time	0.65 ms	
Power Consumption	135 W	Initial Pe
Power Factor (Fraction)	0.95	Luminous
Cable	Cable 0.3 m without plug	Power cor
Number of products on MCB of 16 A t	t ype B 6	
		Over Tim
Temperature		Median us
Ambient temperature range	-30 to +50 °C	
		Applicat
Controls and Dimming		Maximum
Dimmable	No	Suitable f
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	Product
Constant light output	No	Order pro
		Full produ
Mechanical and Housing		Full produ
Housing Material	Aluminum die cast	Order cod
Reflector material	-	Material N
Optic material	Polycarbonate	Numerato
Optical cover material	Polycarbonate	EAN/UPC
Housing Color	Gray	Numerato
Optical cover finish	Frosted	EAN/UPC
Overall height	95 mm	

450 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 Complia	nt)
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 LED200/CW PSU WB
Full product name	BY718P LED200/CW PSU WB
Full product code	872016954877000
Order code	911401569351
Material Nr. (12NC)	911401569351
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169548770
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169548770

Dimensional drawing

Overall diameter



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