Lighting

PHILIPS



GreenPerform Highbay Elite

BY718P LED300/NW PSD NB

GreenPerform Highbay Elite, 217 W, 32500 lm, 4000 K, DALI, 54°

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	2 units
Driver included	Yes
Light source engine type	LED
Service tag	Yes
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

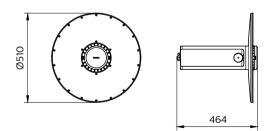
32,500 lm
4000 K
150 lm/W
>80
840 neutral white
Symmetrical
Polycarbonate bowl/cover
54°

GreenPerform Highbay Elite

Operating and Electrical		Appro
Input Voltage	220 to 240 V	Ingress
Line Frequency	50 or 60 Hz	Mech.
Inrush current	122 A	Protec
Inrush time	0.2 ms	
Power Consumption	217 W	Initia
Power Factor (Fraction)	0.95	Lumin
Cable	Cable 0.3 m without plug	Power
Number of products on MCB of 16 A ty	/pe B 6	
		Over
Temperature		Driver
Ambient temperature range	-30 to +50 ℃	Media
Controls and Dimming		Appli
Dimmable	Yes	Maxim
Driver/power unit/transformer	Power supply unit with DALI interface	Suitab
Control interface	DALI	
Constant light output	No	Produ
		Order
Mechanical and Housing		Full pr
Housing Material	Aluminum	Full pr
Reflector material	-	Order
Optic material	Polycarbonate	Mater
Optical cover material	Polycarbonate	Nume
Housing Color	Black and gray	EAN/L
Optical cover finish	Frosted	Nume
Overall height	464 mm	EAN/U
Overall diameter	510 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	0.0042 %	
Median useful life L70B50	75,000 hour(s)	
Application Conditions		
Maximum dim level	1%	
Suitable for random switching	No	
Product Data		
Order product name	BY718P LED300/NW PSD NB	
Full product name	BY718P LED300/NW PSD NB	
Full product code	872016954873200	
Order code	911401581551	
Material Nr. (12NC)	911401581551	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8720169548732	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8720169548732	

Dimensional drawing



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