



GreenUp Line Highbay

BY450P LED95/NW PSU HRO EN

GreenUp Line Highbay, 80 W, 9500 lm, 4000 K, 40° x 83°

The GreenUp Line Highbay is a simple LED solution which efficiently illuminates work areas, creating a brighter and better warehouse, retail or manufacture environment. With its three optical design and energy efficiency, this easy-to-install and low-maintenance lighting solution is suitable for a variety of applications.

Warnings and Safety

- The product is IPXO & as such is not protected against water ingress & as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

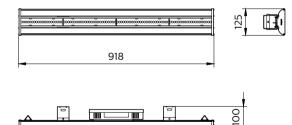
Product data

General Information		Correlated Color Temperature (Nom)	4000 K
Light source replaceable	No	Luminous Efficacy (rated) (Nom)	119 lm/W
Number of gear units	1 unit	Color rendering index (CRI)	>80
Driver included	Yes	Beam angle of light source	- degree(s)
Light source engine type	LED	Light source color	840 neutral white
CE mark	CE mark	Optic type	High-rack optic
Warranty period	3 years	Optical cover type	Linear-lens array in polycarbonate cov
Flammability mark	For mounting on normally flammable	Luminaire light beam spread	40° x 83°
	surfaces		
ENEC mark	-	Operating and Electrical	
Glow-wire test	Temperature 650 °C, duration 5 s	Input Voltage	220 to 240 V
EU RoHS compliant	No	Line Frequency	50 to 60 Hz
		Inrush current	46 A
Light Technical		Inrush time	440 ms
Luminous Flux	9,500 lm	Power Consumption	80 W

GreenUp Line Highbay

Power Factor (Fraction)	0.95	Protection class IEC	Safety class I
Connection	Flying leads/wires		
Cable	Cable 1.5 m without plug	Initial Performance (IEC Compliant)	
Number of products on MCB of 16 A	type B 11	Luminous flux tolerance +/-10%	
		Initial chromaticity	(0.38.0.38)SDCM<5
Temperature		Power consumption tolerance	+/-10%
Ambient temperature range	-20 to +45 °C		
		Over Time Performance (IEC Compliant)	
Controls and Dimming		Driver failure rate at 5000 h	0.01%
Dimmable	No	Median useful life L70B50	50,000 hour(s)
Driver/power unit/transformer	Power supply unit (On/Off)	Median useful life L80B50	40,000 hour(s)
Control interface	_	Median useful life L90B50	30,000 hour(s)
Constant light output	No		
		Application Conditions	
Mechanical and Housing		Maximum dim level	Not applicable
Housing Material	Aluminum extruded	Suitable for random switching	No
Reflector material	-		
Optic material	Polycarbonate	Product Data	
Optical cover material	Polycarbonate	Order product name	BY450P LED95/NW PSU HRO EN
Fixation material	-	Full product name	BY450P LED95/NW PSU HRO EN
Housing Color	Aluminum and white	Full product code	911401530751
Optical cover finish	Clear	Order code	911401530751
Overall length	918 mm	Material Nr. (12NC)	911401530751
Overall width	125 mm	Numerator - Quantity Per Pack	1
		Numerator - Packs per outer box	2
Approval and Application			
Ingress protection code	IP20 [Finger-protected]		
Mech. impact protection code	IK03 [0.3 J]		

Dimensional drawing



 GreenUp Line Highbay



© 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 29 - data subject to change