



GreenUp Line Highbay

BY450P LED136/NW PSU WB EN

GreenUp Line Highbay, 115 W, 13600 lm, 4000 K, 90°

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

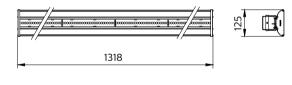
General Information		Correlated Color Temperature (Nom)	4000 K
Light source replaceable	No	Luminous Efficacy (rated) (Nom)	118 lm/W
Number of gear units	1 unit	Color rendering index (CRI)	>80
Driver included	Yes	Beam angle of light source	- degree(s)
Light source engine type	LED	Light source color	840 neutral white
CE mark	CE mark	Optic type	Wide beam
Warranty period	3 years	Optical cover type	Linear-lens array in polycarbonate cov
Flammability mark	For mounting on normally flammable	Luminaire light beam spread	90°
	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	13,600 lm	Power Consumption	115 W

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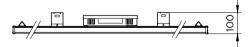
Power Factor (Fraction)	0.95	Protection class IEC	Safety class I
Connection	Flying leads/wires		
Cable	Cable 1.5 m without plug	Initial Performance (IEC Compliant)	
Number of products on MCB of 16 A	type B 11	Luminous flux tolerance +/-10%	
		Initial chromaticity	(0.38.0.38)SDCM<5
Temperature		Power 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 LED136/NW PSU WB EN
Fixation material	-	Full product name	BY450P LED136/NW PSU WB EN
Housing Color	Aluminum and white	Full product code	911401531351
Optical cover finish	Clear	Order code	911401531351
Overall length	1,318 mm	Material Nr. (12NC)	911401531351
Overall width	125 mm	Numerator - Quantity Per Pack	1
		Numerator - Packs per outer box	2
Approval and Application			
Ingress protection code	IP20 [Finger-protected]		

Dimensional drawing

Mech. impact protection code



IK03 [0.3 J]



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