



GreenUp Line Highbay

BY450P LED95/NW PSU WB EN

840 neutral white - Power supply unit - Wide beam

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 designs and energy-efficiency, this easy-to-install and low-maintenance lighting solution is suitable for a variety of applications.

Product data

General Information		RoHS mark	
Beam angle of light source	- °	RoHS mark	-
Lamp colour code	840 neutral white	Operating and Electrical	
Light source replaceable	No	Input voltage	220-240 V
Number of gear units	1 unit	Input frequency	50 to 60 Hz
Driver/power unit/transformer	PSU [Power supply unit]	Inrush current	46 A
Driver included	Yes	Inrush time	440 ms
Optic type	WB [Wide beam]	Power factor (min.)	0.95
Luminaire light beam spread	90°	Controls and Dimming	
Connection	Flying leads/wires	Dimmable	No
Cable	Cable 1.5 m without plug (C1K5)	Mechanical and Housing	
Protection class IEC	Safety class I (I)	Housing material	Aluminum extruded
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]	Reflector material	-
Flammability mark	F [For mounting on normally flammable surfaces]	Optic material	Polycarbonate
CE mark	CE mark	Optical cover/lens material	Polycarbonate
ENEC mark	-	Fixation material	-
Warranty period	3 years	Optical cover/lens finish	Clear
Constant light output	No	Overall length	918 mm
Number of products on MCB	11		

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Overall width	125 mm
Colour	Aluminium and White

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]

Initial Performance (IEC Compliant)

Initial luminous flux	9500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	119 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80
Initial chromaticity	(0.38.0.38)SDCM<5
Initial input power	80 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50000 h
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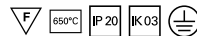
Median useful life L80B50	40000 h
Median useful life L90B50	30000 h

Application Conditions

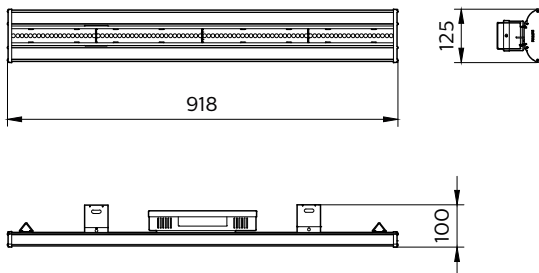
Ambient temperature range	-20 to +45 °C
Maximum dimming level	Not applicable
Suitable for random switching	No

Product Data

Full product code	911401530851
Order product name	BY450P LED95/NW PSU WB EN
Order code	911401530851
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	911401530851
Net weight (piece)	1.999 kg



Dimensional drawing



GreenUp High-bay BY550P/BY550X

