



GreenUp Line Highbay

BY450P LED95/CW PSU HRO

865 cool daylight - Power supply unit - High-rack optic

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 IPX0 & 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	
Beam angle of light source	- °
Light source color	865 cool daylight
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	High-rack optic
Optical cover/lens type	Linear-lens array in polycarbonate cover
Luminaire light beam spread	40° x 83°
Control interface	-
Connection	Flying leads/wires
Cable	Cable 1.5 m without plug
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 5 s

Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Constant light output	No
Number of products on MCB of 16 A type B	11
EU RoHS compliant	No
Light source engine type	LED

Operating and electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	440 ms

GreenUp Line Highbay

Power Factor (Min)	0.95
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Controls and dimming

Dimmable	No
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Mechanical and housing

Housing Material	Aluminum extruded
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Clear
Overall length	918 mm
Overall width	125 mm
Color	Aluminum 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 (system flux)	9500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	119 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>80

Initial chromaticity	(0.313.0.324)SDCM<5
Initial input power	80 W
Power consumption tolerance	+/-10%

Over time performance (IEC compliant)

Driver failure rate at 5000 h	0.01 %
Median useful life L70B50	50000 h
Median useful life L80B50	40000 h
Median useful life L90B50	30000 h

Application conditions

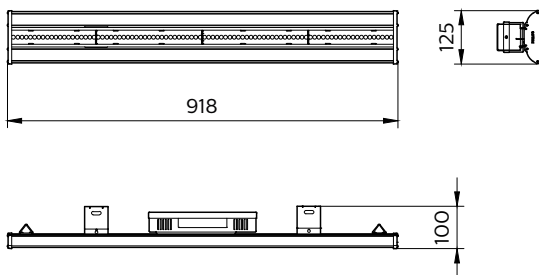
Ambient temperature range	-20 to +45 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product data

Full product code	911401518451
Order product name	BY450P LED95/CW PSU HRO
Order code	911401518451
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	911401518451
Net Weight (Piece)	1.999 kg



Dimensional drawing



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