



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 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		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 cover
Flammability mark	For mounting on normally flammable surfaces	Luminaire light beam spread	40° x 83°
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
Light Technical		Inrush current	46 A
Luminous Flux	9,500 lm	Inrush time	440 ms
		Power Consumption	80 W

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Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 1.5 m without plug
Number of products on MCB of 16 A type B 11	

Temperature

Ambient temperature range	-20 to +45 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum extruded
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	Aluminum and white
Optical cover finish	Clear
Overall length	918 mm
Overall width	125 mm

Approval and Application

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

Protection class IEC	Safety class I
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Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38.0.38)SDCM<5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.01 %
Median useful life L70B50	50,000 hour(s)
Median useful life L80B50	40,000 hour(s)
Median useful life L90B50	30,000 hour(s)

Application Conditions

Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Order product name	BY450P LED95/NW PSU HRO EN
Full product name	BY450P LED95/NW PSU HRO EN
Full product code	911401530751
Order code	911401530751
Material Nr. (12NC)	911401530751
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing



