



# GreenUp Line Highbay

## BY450P LED136/NW PSU HRO EN

GreenUp Line Highbay, 115 W, 13600 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			
Light source replaceable	No	Correlated Color Temperature (Nom)	4000 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	118 lm/W
Driver included	Yes	Color rendering index (CRI)	>80
Light source engine type	LED	Beam angle of light source	- degree(s)
CE mark	CE mark	Light source color	840 neutral white
Warranty period	3 years	Optic type	High-rack optic
Flammability mark	For mounting on normally flammable surfaces	Optical cover type	Linear-lens array in polycarbonate cover
ENEC mark	-	Luminaire light beam spread	40° x 83°
Glow-wire test	Temperature 650 °C, duration 5 s	Operating and Electrical	
EU RoHS compliant	No	Input Voltage	220 to 240 V
Light Technical		Line Frequency	50 to 60 Hz
Luminous Flux	13,600 lm	Inrush current	46 A
		Inrush time	440 ms
		Power Consumption	115 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	1,318 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 LED136/NW PSU HRO EN
Full product name	BY450P LED136/NW PSU HRO EN
Full product code	911401531251
Order code	911401531251
Material Nr. (12NC)	911401531251
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing



