



# **GreenUp Line Highbay**

## **BY450P LED136/CW PSU HRO EN**

GreenUp Line Highbay, 115 W, 13600 lm, 6500 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 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	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Warranty period	3 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Luminous Flux	13,600 lm
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Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	118 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source color	865 cool daylight
Optic type	High-rack optic
Optical cover type	Linear-lens array in polycarbonate cover
Luminaire light beam spread	40° x 83°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	440 ms
Power Consumption	115 W

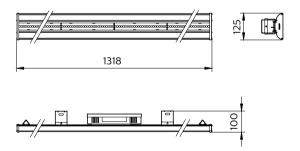
Datasheet, 2023, April 29 data subject to change

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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	11
В	
Temperature	
	20 + 45 %
Ambient temperature range	-20 to +45 °C
Controls and Dimming	
	No
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	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.313.0.324)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)	
<b>Application Conditions</b>		
Maximum dim level	Not applicable	
Suitable for random switching	No	
Product Data		
Order product name	BY450P LED136/CW PSU HRO EN	
Full product name	BY450P LED136/CW PSU HRO EN	
Full product code	911401530951	
Order code	911401530951	
Material Nr. (12NC)	911401530951	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	2	

#### Dimensional drawing



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