

GreenUp Line Highbay

BY450P LED136/CW PSU WB EN

GreenUp Line Highbay, 115 W, 13600 lm, 6500 K, 90°

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
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
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	Wide beam
Optical cover type	Linear-lens array in polycarbonate cover
Luminaire light beam spread	90°

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

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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

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

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)

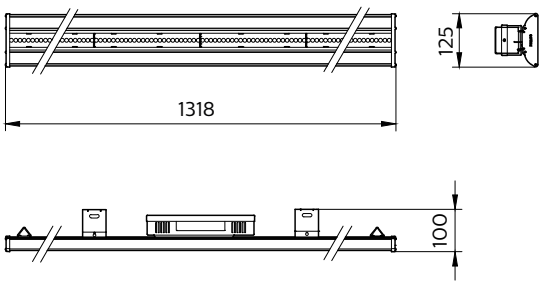
Application Conditions

Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Order product name	BY450P LED136/CW PSU WB EN
Full product name	BY450P LED136/CW PSU WB EN
Full product code	911401531051
Order code	911401531051
Material Nr. (12NC)	911401531051
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing





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