



# GreenUp Line Highbay

## BY450P LED95/CW PSU HRO EN

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 designs 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 and 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 and product warranty will become void

### Product data

General Information	
Beam angle of light source	- °
Lamp colour code	865 cool daylight
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [ Power supply unit]
Driver included	Yes
Optic type	HRO [ High-rack optic]
Optical cover/lens type	LIN-PC [ 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 (C1K5)
Protection class IEC	Safety class I (I)

Glow-wire test	650/5 [ Temperature 650 °C, duration 5 s]
Flammability mark	F [ 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 (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

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Inrush time	440 ms
Power factor (min.)	0.95

## 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
Colour	Aluminium 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
Lamp colour temperature	6500 K

Colour 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)

Median useful life L70B50	50000 h
Median useful life L80B50	40000 h
Median useful life L90B50	30000 h

## Application Conditions

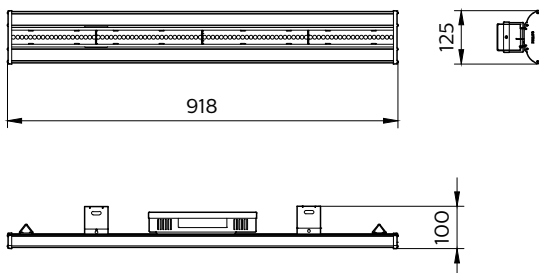
Ambient temperature range	-20 to +45 °C
Maximum dimming level	Not applicable
Suitable for random switching	No

## Product Data

Full product code	911401530551
Order product name	BY450P LED95/CW PSU HRO EN
Order code	911401530551
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	911401530551



## Dimensional drawing



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