



# Better light, better results. A brighter solution for safer workspaces

## GreenUp Line Highbay

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.

### Benefits

- High energy savings up to 56% comparing to TL-5 Highbay
- Fit for different applications with a comfort lighting experience
- Direct replacement of T5 Highbay

### Features

- System efficacy 118 lumen per watt
- Three optical options with CRI80
- Linear design with flexible installation

### Application

- General Industry Application: Warehouse, Distribution centre, Factory
- Indoor sports hall
- Other high ceiling indoor 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

# GreenUp Line Highbay

## Versions



## Product details



GreenUp Line Highbay BY450P  
Lens-F 2



GreenUp Line Highbay BY450P  
Back

-	
Driver failure rate at 5,000 hours	0.01 %
Application Conditions	
Ambient temperature range	-20 to +45 °C
Maximum dimming level	Not applicable
Suitable for random switching	No
Approval and Application	
Mech. impact protection code	IK03
Ingress protection code	IP20
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Input Voltage	220 to 240 V
General Information	
Beam angle of light source	~ °
CE mark	CE mark
Protection class IEC	Safety class I (I)
Driver included	Yes
ENEC mark	-
Flammability mark	F
Glow-wire test	650/5
Light source replaceable	No
Number of gear units	1 unit
Initial Performance (IEC Compliant)	
Init. Colour rendering index	>80
Luminous flux tolerance	+/-10%
Mechanical and Housing	
Colour	Aluminium and White
Over Time Performance (IEC Compliant)	
Median useful life L80B50	40000 h
Median useful life L90B50	30000 h

General Information

Order Code	Full Product Name	Optical cover/lens type	Optic type
911401530551	BY450P LED95/CW PSU HRO EN	LIN-PC	HRO
911401530651	BY450P LED95/CW PSU WB EN	LIN-PC	WB
911401530751	BY450P LED95/NW PSU HRO EN	LIN-PC	HRO
911401530851	BY450P LED95/NW PSU WB EN	LIN-PC	WB
911401530951	BY450P LED136/CW PSU HRO EN	LIN-PC	HRO
911401531051	BY450P LED136/CW PSU WB EN	LIN-PC	WB
911401531251	BY450P LED136/NW PSU HRO EN	LIN-PC	HRO
911401531351	BY450P LED136/NW PSU WB EN	LIN-PC	WB
911401531151	BY450P LED122/CW PSU FR EN	O	WB
911401531451	BY450P LED122/NW PSU FR EN	O	WB

Initial Performance (IEC Compliant) (1/2)

Full Product		Init. Corr. Colour	Initial LED luminaire efficacy	Initial luminous flux
Order Code	Name	Initial chromaticity	Temperature	flux
911401530551	BY450P LED95/CW PSU HRO EN	(0.313.0.324)SDCM<5	6500 K	119 lm/W 9500 lm
911401530651	BY450P LED95/CW PSU WB EN	(0.313.0.324)SDCM<5	6500 K	119 lm/W 9500 lm

Full Product		Init. Corr. Colour	Initial LED luminaire efficacy	Initial luminous flux
Order Code	Name	Initial chromaticity	Temperature	flux
911401530751	BY450P LED95/NW PSU HRO EN	(0.38.0.38)SDCM<5	4000 K	119 lm/W 9500 lm
911401530851	BY450P LED95/NW PSU WB EN	(0.38.0.38)SDCM<5	4000 K	119 lm/W 9500 lm

## GreenUp Line Highbay

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401530851	BY450P LED95/N W PSU WB EN	(0.38.0.38)SDCM<5	4000 K	119 lm/W	9500 lm
911401530951	BY450P LED136/C W PSU HRO EN	(0.313.0.324)SDCM<5	6500 K	118 lm/W	13600 lm
911401531051	BY450P LED136/C W PSU WB EN	(0.313.0.324)SDCM<5	6500 K	118 lm/W	13600 lm
911401531251	BY450P LED136/N	(0.38.0.38)SDCM<5	4000 K	118 lm/W	13600 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
	W PSU HRO EN				
911401531351	BY450P LED136/N W PSU WB EN	(0.38.0.38)SDCM<5	4000 K	118 lm/W	13600 lm
911401531151	BY450P LED122/C W PSU FR EN	(0.313.0.324)SDCM<5	6500 K	106 lm/W	12200 lm
911401531451	BY450P LED122/N W PSU FR EN	(0.38.0.38)SDCM<5	4000 K	106 lm/W	12200 lm

### Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
911401530551	BY450P LED95/CW PSU HRO EN	80 W
911401530651	BY450P LED95/CW PSU WB EN	80 W
911401530751	BY450P LED95/NW PSU HRO EN	80 W
911401530851	BY450P LED95/NW PSU WB EN	80 W
911401530951	BY450P LED136/CW PSU HRO EN	115 W

Order Code	Full Product Name	Initial input power
911401531051	BY450P LED136/CW PSU WB EN	115 W
911401531251	BY450P LED136/NW PSU HRO EN	115 W
911401531351	BY450P LED136/NW PSU WB EN	115 W
911401531151	BY450P LED122/CW PSU FR EN	115 W
911401531451	BY450P LED122/NW PSU FR EN	115 W

