PHILIPS Lighting



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

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

Features

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

Application

- General Industry Application: Warehouse, Distribution centre, Factory
- \cdot 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



GreenUp Line Highbay

-	
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	Safety class I (I) Yes
Driver included ENEC mark	Yes -
Driver included ENEC mark Flammability mark	Yes - F
Driver included ENEC mark Flammability mark Glow-wire test	Yes - F 650/5
Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable	Yes - F 650/5 No
Driver included ENEC mark Flammability mark Glow-wire test	Yes - F 650/5
Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units	Yes - F 650/5 No 1 unit
Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units Initial Performance (IEC Compliant	Yes - F 650/5 No 1 unit
Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units Initial Performance (IEC Compliant Init. Colour rendering index	Yes - F 650/5 No 1 unit >80
Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units Initial Performance (IEC Compliant	Yes - F 650/5 No 1 unit
Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units Initial Performance (IEC Compliant Init. Colour rendering index Luminous flux tolerance	Yes - F 650/5 No 1 unit >80
Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units Initial Performance (IEC Compliant Init. Colour rendering index Luminous flux tolerance Mechanical and Housing	Yes - F 650/5 No 1 unit * * * * * * * * * * * * *
Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units Initial Performance (IEC Compliant Init. Colour rendering index Luminous flux tolerance	Yes - F 650/5 No 1 unit - - 80 +/-10%
Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units Initial Performance (IEC Compliant Init. Colour rendering index Luminous flux tolerance Mechanical and Housing	Yes - F 650/5 No 1 unit * * * * * * * * * * * * *
Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units Initial Performance (IEC Compliant Init. Colour rendering index Luminous flux tolerance Mechanical and Housing Colour	Yes - F 650/5 No 1 unit >80 +/-10% Aluminium and White
Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units Initial Performance (IEC Compliant Init. Colour rendering index Luminous flux tolerance Mechanical and Housing Colour Over Time Performance (IEC Complete	Yes - F 650/5 No 1 unit >80 +/-10% Aluminium and White
Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units Initial Performance (IEC Compliant Init. Colour rendering index Luminous flux tolerance Mechanical and Housing Colour	Yes - F 650/5 No 1 unit >80 +/-10% Aluminium and White

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	0	WB
911401531451	BY450P LED122/NW PSU FR EN	0	WB

Initial Performance (IEC Compliant) (1/2)

	Full		Init. Corr.	Initial LED	Initial		Full		Init. Corr.	Initial LED	Initial
	Product		Colour	luminaire	luminous		Product		Colour	luminaire	luminous
Order Code	Name	Initial chromaticity	Temperature	efficacy	flux	Order Code	Name	Initial chromaticity	Temperature	efficacy	flux
911401530551	BY450P	(0.313.0.324)SDCM<5	6500 K	119 lm/W	9500 lm		W PSU WB				
	LED95/C						EN				
	W PSU					911401530751	BY450P	(0.38.0.38)SDCM<5	4000 K	119 lm/W	9500 lm
	HRO EN						LED95/N				
911401530651	BY450P	(0.313.0.324)SDCM<5	6500 K	119 lm/W	9500 lm		W PSU				
	LED95/C						HRO EN				

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	Full Product		Init. Corr. Colour	Initial LED luminaire	Initial luminous		Full Product		Init. Corr. Colour	Initial LED luminaire	Initial luminous
Order Code	Name	Initial chromaticity	Temperature	efficacy	flux	Order Code	Name	Initial chromaticity	Temperature	efficacy	flux
911401530851	BY450P	(0.38.0.38)SDCM<5	4000 K	119 lm/W	9500 lm		W PSU				
	LED95/N						HRO EN				
	W PSU WB					911401531351	BY450P	(0.38.0.38)SDCM<5	4000 K	118 lm/W	13600 lm
	EN						LED136/N				
911401530951	BY450P	(0.313.0.324)SDCM<5	6500 K	118 lm/W	13600 lm		W PSU WB				
	LED136/C						EN				
	W PSU					911401531151	BY450P	(0.313.0.324)SDCM<5	6500 K	106 lm/W	12200 lm
	HRO EN						LED122/C				
911401531051	BY450P	(0.313.0.324)SDCM<5	6500 K	118 lm/W	13600 lm		W PSU FR				
	LED136/C						EN				
	W PSU WB					911401531451	BY450P	(0.38.0.38)SDCM<5	4000 K	106 lm/W	12200 lm
	EN						LED122/N				
911401531251	BY450P	(0.38.0.38)SDCM<5	4000 K	118 lm/W	13600 lm		W PSU FR				
	LED136/N						EN				

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



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