



Better light, better result. 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 design 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 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 center, Factory
- Indoor sport hall
- Other high ceiling indoor applications

GreenUp Line Highbay

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

Versions



BY450P

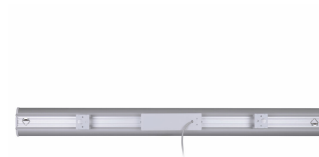


BY450P

Product details



GreenUp Line Highbay BY450P
Lens-F 2



GreenUp Line Highbay BY450P
Back

GreenUp Line Highbay

Application Conditions

Ambient temperature range	-20 to +45 °C
Maximum dim 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
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Operating and Electrical

Input Voltage	220 to 240 V
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General Information

Beam angle of light source	- °
CE mark	CE mark
Protection class IEC	Safety class I
Driver included	Yes
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No
Number of gear units	1 unit

Initial Performance (IEC Compliant)

Init. Color Rendering Index	>80
Luminous flux tolerance	+/-10%

Mechanical and Housing

Color	Aluminum and white
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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
911401518451	BY450P LED95/CW PSU HRO	Linear-lens array in polycarbonate cover	High-rack optic
911401518551	BY450P LED95/CW PSU WB	Linear-lens array in polycarbonate cover	Wide beam
911401518651	BY450P LED95/NW PSU HRO	Linear-lens array in polycarbonate cover	High-rack optic
911401518751	BY450P LED95/NW PSU WB	Linear-lens array in polycarbonate cover	Wide beam
911401518851	BY450P LED136/CW PSU HRO	Linear-lens array in polycarbonate cover	High-rack optic
911401518951	BY450P LED136/CW PSU WB	Linear-lens array in polycarbonate cover	Wide beam
911401519151	BY450P LED136/NW PSU HRO	Linear-lens array in polycarbonate cover	High-rack optic
911401519251	BY450P LED136/NW PSU WB	Linear-lens array in polycarbonate cover	Wide beam
911401530551	BY450P LED95/CW PSU HRO EN	Linear-lens array in polycarbonate cover	High-rack optic
911401530651	BY450P LED95/CW PSU WB EN	Linear-lens array in polycarbonate cover	Wide beam
911401530751	BY450P LED95/NW PSU HRO EN	Linear-lens array in polycarbonate cover	High-rack optic
911401530851	BY450P LED95/NW PSU WB EN	Linear-lens array in polycarbonate cover	Wide beam
911401530951	BY450P LED136/CW PSU HRO EN	Linear-lens array in polycarbonate cover	High-rack optic
911401531051	BY450P LED136/CW PSU WB EN	Linear-lens array in polycarbonate cover	Wide beam
911401531251	BY450P LED136/NW PSU HRO EN	Linear-lens array in polycarbonate cover	High-rack optic
911401531351	BY450P LED136/NW PSU WB EN	Linear-lens array in polycarbonate cover	Wide beam
911401519051	BY450P LED122/CW PSU FR	Opal	Wide beam
911401519351	BY450P LED122/NW PSU FR	Opal	Wide beam
911401531151	BY450P LED122/CW PSU FR EN	Opal	Wide beam
911401531451	BY450P LED122/NW PSU FR EN	Opal	Wide beam

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticy	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401518451	BY450P LED95/C W PSU HRO	(0.313.0.324)SDCM<5	6500 K	119 lm/W	9500 lm

Order Code	Full Product Name	Initial chromaticy	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401518551	BY450P LED95/C W PSU WB	(0.313.0.324)SDCM<5	6500 K	119 lm/W	9500 lm
911401518651	BY450P LED95/N	(0.38.0.38)SDCM<5	4000 K	119 lm/W	9500 lm

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Order Code	Full Product Name	Initial chromaticy	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
	W PSU HRO				
911401518751	BY450P LED95/N W PSU WB	(0.38.0.38)SDCM<5	4000 K	119 lm/W	9500 lm
911401518851	BY450P LED136/C W PSU HRO	(0.313.0.324)SDCM<5	6500 K	118 lm/W	13600 lm
911401518951	BY450P LED136/C W PSU WB	(0.313.0.324)SDCM<5	6500 K	118 lm/W	13600 lm
911401519151	BY450P LED136/N W PSU HRO	(0.38.0.38)SDCM<5	4000 K	118 lm/W	13600 lm
911401519251	BY450P LED136/N W PSU WB	(0.38.0.38)SDCM<5	4000 K	118 lm/W	13600 lm
911401530551	BY450P LED95/C W PSU HRO EN	(0.313.0.324)SDCM<5	6500 K	119 lm/W	9500 lm
911401530651	BY450P LED95/C W PSU WB EN	(0.313.0.324)SDCM<5	6500 K	119 lm/W	9500 lm
911401530751	BY450P LED95/N W PSU HRO EN	(0.38.0.38)SDCM<5	4000 K	119 lm/W	9500 lm
911401530851	BY450P LED95/N	(0.38.0.38)SDCM<5	4000 K	119 lm/W	9500 lm

Order Code	Full Product Name	Initial chromaticy	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
	W PSU WB EN				
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 W PSU HRO EN	(0.38.0.38)SDCM<5	4000 K	118 lm/W	13600 lm
911401531351	BY450P LED136/N W PSU WB EN	(0.38.0.38)SDCM<5	4000 K	118 lm/W	13600 lm
911401519051	BY450P LED122/C W PSU FR	(0.313.0.324)SDCM<5	6500 K	106 lm/W	12200 lm
911401519351	BY450P LED122/N W PSU FR	(0.38.0.38)SDCM<5	4000 K	106 lm/W	12200 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
911401518451	BY450P LED95/CW PSU HRO	80 W
911401518551	BY450P LED95/CW PSU WB	80 W
911401518651	BY450P LED95/NW PSU HRO	80 W
911401518751	BY450P LED95/NW PSU WB	80 W
911401518851	BY450P LED136/CW PSU HRO	115 W
911401518951	BY450P LED136/CW PSU WB	115 W
911401519151	BY450P LED136/NW PSU HRO	115 W
911401519251	BY450P LED136/NW PSU WB	115 W
911401530551	BY450P LED95/CW PSU HRO EN	80 W
911401530651	BY450P LED95/CW PSU WB EN	80 W

Order Code	Full Product Name	Initial input power
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
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
911401519051	BY450P LED122/CW PSU FR	115 W
911401519351	BY450P LED122/NW PSU FR	115 W
911401531151	BY450P LED122/CW PSU FR EN	115 W
911401531451	BY450P LED122/NW PSU FR EN	115 W

