



Philips GreenUp Highbay linear G3: Economical and reliable highbay luminaires

GreenUp Highbay linear G3

Philips GreenUp Highbay linear G3 provides the optimal balance between efficient performance and economical price. The latest generation of this luminaire family covers key runner product ranges and includes the option of both on-off and EcoSet versions. Competitive specifications, low maintenance and long-term quality and reliability, make GreenUp Highbay linear G3 a brighter choice for warehouse and logistic center applications that require economical and reliable highbay luminaires.

Benefits

- Efficient illumination for industry applications
- Excellent energy savings
- Great value for money
- Long and reliable life
- Low maintenance

Features

- ~130 lm/W system efficacy
- 50,000 hours lifetime @Ta 25°C
- Flicker-free lighting
- On-off and EcoSet versions
- -20°C to 45°C working temperature

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Application

- Warehouses
- Logistic center
- Other high ceiling indoor applications

Warnings and Safety

- The product is IPX0 and as such is not protected against water ingress. 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.

Specifications

Mounting type	suspended
Operating Temperature range	-20 to +45 °C
Light Source	LED
Mains Voltage	220-240V / 50-60Hz
Mains connection	Flying cable
Dimming	PSU
Material	Housing: Steel
Main color of the luminaire	RAL9006
Lumen maintenance at median useful life 50.000h	L70
Flicker / Pst / SVM	<4%
Luminous flux	16000lm 20000lm
Luminaire efficacy	130lm/W

Correlated color temperature - CCT	4000K 6000K
Color Rendering index - CRI	80
Beam angle	Lambertian
Optical cover/lens material	Diffuser
Protection Class IEC61140	Class I
Mechanical impact protection	IK03
Ingress protection	IP40
Light source replaceable	No
Driver replaceable	Yes
Installation	Suspension

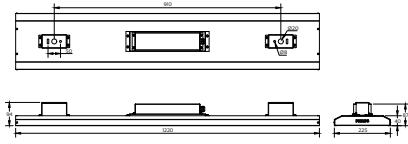
Versions



GreenUp Highbay linear G3 BY493P

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Dimensional drawing



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General Information

Driver included	Yes
Gear	-
Number of gear units	1 unit

Light Technical

Beam angle of light source	120 degree(s)
Color rendering index (CRI)	80
Luminous Efficacy (rated) (Nom)	133 lm/W
Number of light sources	765
Optic type	Symmetrical

Operating and Electrical

Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	Not applicable

Controls and Dimming

Dimmable	No
Maximum dim level	Not applicable

Mechanical and Housing

Optical cover type	Polystyrene bowl/ cover prismatic
Housing Color	Grey
Mech. impact protection code	IK03
Ingress protection code	IP40

Approval and Application

Ambient temperature range	-20 to +45 °C
CE mark	No
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Flux
911401670508	BY493P 120W/NW PSU WB CN	4000 K	16,000 lm
911401670608	BY493P 120W/CW PSU WB CN	6000 K	16,000 lm
911401670708	BY493P 150W/NW PSU WB CN	4000 K	20,000 lm
911401670808	BY493P 150W/CW PSU WB CN	6000 K	20,000 lm
911401674108	BY493P LED160/NW PSU WB CN	4000 K	16,000 lm
911401674208	BY493P LED160/CW PSU WB CN	6000 K	16,000 lm
911401674308	BY493P LED200/NW PSU WB CN	4000 K	20,000 lm
911401674408	BY493P LED200/CW PSU WB CN	6000 K	20,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401670508	BY493P 120W/NW PSU WB CN	120 W
911401670608	BY493P 120W/CW PSU WB CN	120 W
911401670708	BY493P 150W/NW PSU WB CN	150 W
911401670808	BY493P 150W/CW PSU WB CN	150 W

Order Code	Full Product Name	Power Consumption
911401674108	BY493P LED160/NW PSU WB CN	120 W
911401674208	BY493P LED160/CW PSU WB CN	120 W
911401674308	BY493P LED200/NW PSU WB CN	150 W
911401674408	BY493P LED200/CW PSU WB CN	150 W

Initial Performance (IEC Compliant)

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Order Code	Full Product Name	Initial chromaticity
911401670508	BY493P 120W/NW PSU WB CN	(x=0.3818, y=0.3797); SDCM<=5
911401670608	BY493P 120W/CW PSU WB CN	(x=0.3177, y=0.3400); SDCM<=5
911401670708	BY493P 150W/NW PSU WB CN	(x=0.3818, y=0.3797); SDCM<=5
911401670808	BY493P 150W/CW PSU WB CN	(x=0.3177, y=0.3400); SDCM<=5

Order Code	Full Product Name	Initial chromaticity
911401674108	BY493P LED160/NW PSU WB CN	(x=0.3818, y=0.3797); SDCM<=5
911401674208	BY493P LED160/CW PSU WB CN	(x=0.3177, y=0.3400); SDCM<=5
911401674308	BY493P LED200/NW PSU WB CN	(x=0.3818, y=0.3797); SDCM<=5
911401674408	BY493P LED200/CW PSU WB CN	(x=0.3177, y=0.3400); SDCM<=5

