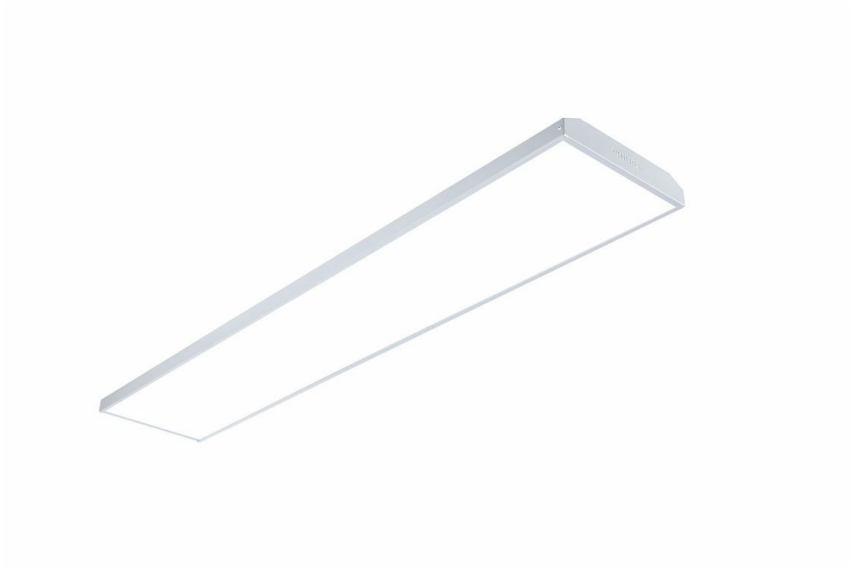
PHILIPS

GreenUp Highbay linear G3

BY493P



GreenUp Highbay linear G3: Economical and reliable highbay luminaires

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

Applications

- Warehouses
- Logistic center
- Other high ceiling indoor applications

Features

- ~130 lm/W system efficacy
- 50,000 hours lifetime @Ta 25^{0}C
- Flicker-free lighting
- On-off and EcoSet versions
- -20^{0}C to 45^{0}C working temperature

- 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.

Versions



GreenUp Highbay linear G3
BY493P

Dimensional drawing

BY493P LED200/CW PSU WB CN

General Information

Number of gear units	1 unit
Gear	-
Driver included	Yes

Light Technical

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

Operating and Electrical

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

Controls and Dimming

Dimmable	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing Color	Grey
Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Polystyrene bowl/cover prismatic

Approval and Application

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

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%

Light Technical

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

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
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)

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
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

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