



GreenUp Highbay linear G3

BY493P 120W/CW PSU WB CN

GreenUp Highbay linear G3, 120 W, 16000 lm, 6000 K, 115°

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.

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.

Product data

General Information		Color rendering index (CRI)	
Number of gear units	1 unit		80
Gear	-	Number of light sources	765
Driver included	Yes	Beam angle of light source	120 degree(s)
Light source engine type	LED	Light source color	865 cool daylight
		Optic type	Symmetrical
		Optical cover type	Polystyrene bowl/cover prismatic
		Luminaire light beam spread	115°
Light Technical		Operating and Electrical	
Luminous Flux	16,000 lm	Input Voltage	220 to 240 V
Luminous Efficacy (rated) (Nom)	133 lm/W		
Correlated Color Temperature (Nom)	6000 K		

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Line Frequency	50 or 60 Hz
Inrush current	36 A
Inrush time	520 ms
Power Consumption	120 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 0.3 m without plug 3-pole
Number of products on MCB of 16 A type B 4	

Temperature

Ambient temperature range	-20 to +45 °C
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Controls and Dimming

Dimmable	No
Control interface	-

Mechanical and Housing

Housing Material	Steel
Reflector material	Steel
Optic material	Polystyrene
Optical cover material	Polystyrene
Housing Color	Grey
Mounting device	-
Optical cover finish	Opal
Overall length	1,220 mm
Overall width	225 mm
Overall height	94 mm
Overall diameter	0 mm
Effective projected area	0 m ²
Dimensions (Height x Width x Depth)	94 x 225 x 1220 mm

Approval and Application

Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class I

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	No
ENEC mark	-
Warranty period	3 years
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	No

UV

UV-C radiation	0 W
UV-C irradiance defined at 0.2m	0 mW/m ²

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(x=0.3177, y=0.3400); SDCM<=5
Power consumption tolerance	+/-10%

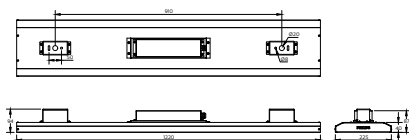
Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Product Data

Order product name	BY493P 120W/CW PSU WB CN
Full product name	BY493P 120W/CW PSU WB CN
Order code	911401670608
Material Nr. (12NC)	911401670608
Numerator - Quantity Per Pack	1
Net Weight (Piece)	1.990 kg
Numerator - Packs per outer box	2

Dimensional drawing



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