GreenUp Highbay linear G3

BY493P LED200/CW PSU WB CN

GreenUp Highbay linear G3, 150 W, 20000 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	
Number of gear units	1 unit
Gear	–
Driver included	Yes
Light source engine type	LED
Warranty period	3 years

Light Technical	
Luminous Flux	20,000 lm
Correlated Color Temperature (Nom)	6000 K

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)
Light source color	865 cool daylight
Optic type	Symmetrical
Luminaire light beam spread	115°
Effective projected area	0 m²

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Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	40 A
Inrush time	600 ms
Power Consumption	150 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	3
Suitable for random switching	Not applicable
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	No
Control interface	–
Maximum dim level	Not applicable

Mechanical and Housing

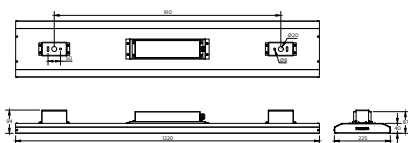|	
Housing Material	Steel
Reflector material	Steel
Optic material	Polystyrene
Optical cover material	Polystyrene
Housing Color	Grey
Mounting device	–
Optical cover finish	Opal
Overall length	1,220 mm
Overall width	225 mm
Overall height	94 mm
Overall diameter	0 mm
Dimensions (Height x Width x Depth)	94 x 225 x 1220 mm
Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Polystyrene bowl/cover prismatic

Net Weight (Piece)	1.990 kg

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	–
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	No
Performance ambient temperature Tq	25 °C
Ambient temperature range	–20 to +45 °C

UV

UV-C radiation	0 W
UV-C irradiance defined at 0.2m	0 mW/m²

Initial Performance (IEC Compliant)

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

Product Data

Order product name	BY493P LED200/CW PSU WB CN
Full product name	BY493P LED200/CW PSU WB CN
Order code	911401674408
Material Nr. (12NC)	911401674408
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	2

Dimensional drawing

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www.lighting.philips.com

2024, December 6 – data subject to change