



GreenUp Highbay linear G3

BY493P 150W/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 | | Color rendering index (CRI) | |
|------------------------------------|-----------|-----------------------------|----------------------------------|
| Number of gear units | 1 unit | Color rendering index (CRI) | 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 |
| Light Technical | | Optic type | Symmetrical |
| Luminous Flux | 20,000 lm | Optical cover type | Polystyrene bowl/cover prismatic |
| Luminous Efficacy (rated) (Nom) | 133 lm/W | Luminaire light beam spread | 115° |
| Correlated Color Temperature (Nom) | 6000 K | Operating and Electrical | |
| | | Input Voltage | 220 to 240 V |

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|--|---------------------------------|
| 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 | |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | -20 to +45 °C |
|---------------------------|---------------|

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)

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

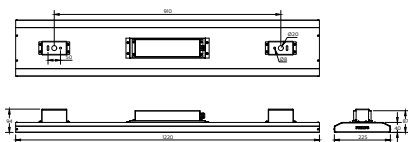
Application Conditions

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

Product Data

| | |
|---------------------------------|--------------------------|
| Order product name | BY493P 150W/CW PSU WB CN |
| Full product name | BY493P 150W/CW PSU WB CN |
| Order code | 911401670808 |
| Material Nr. (12NC) | 911401670808 |
| Numerator - Quantity Per Pack | 1 |
| Net Weight (Piece) | 1.990 kg |
| Numerator - Packs per outer box | 2 |

Dimensional drawing



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