



GreenUp Highbay G2

BY560P LED160/NW PSU NB

GreenUp Highbay G2, 120 W, 16000 lm, 4000 K, 60°

Height is not an issue any more, maximum 16m movement detection together with the wireless ZigBee control, GreenUp HighBay G2,light up your space smartly.

Warnings and Safety

- The product is IPXO & as such is not protected against water ingress & as such 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 & product warranty will become void

Product data

| General Information | |
|------------------------------------|------------------------------------|
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Light source engine type | LED |
| CE mark | CE mark |
| Warranty period | 3 years |
| Flammability mark | For mounting on normally flammable |
| | surfaces |
| ENEC mark | - |
| Glow-wire test | Temperature 650 °C, duration 5 s |
| | |
| Light Technical | |
| Luminous Flux | 16,000 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 133 lm/W |
| Color rendering index (CRI) | >80 |
| | |

| Beam angle of light source | - degree(s) | |
|---|--|--|
| Light source color | 840 neutral white | |
| Optic type | Narrow beam | |
| Optical cover type | Linear-lens array in polycarbonate cover | |
| Luminaire light beam spread | 60° | |
| | | |
| Operating and Electrical | | |
| Input Voltage | 220 to 240 V | |
| Line Frequency | 50 to 60 Hz | |
| Inrush current | 46 A | |
| Inrush time | 440 ms | |
| Power Consumption | 120 W | |
| Power Factor (Fraction) | 0.95 | |
| Connection | Flying leads/wires | |
| Cable | Cable 1.5 m without plug | |
| Number of products on MCB of 16 A type B 11 | | |
| | | |

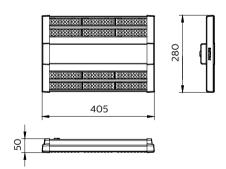
Datasheet, 2023, May 1 data subject to change

GreenUp Highbay G2

| Temperature | |
|-------------------------------|----------------------------|
| Ambient temperature range | -20 to +45 °C |
| | |
| Controls and Dimming | |
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| Constant light output | No |
| | |
| Mechanical and Housing | |
| Housing Material | Aluminum extruded |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | - |
| Housing Color | Aluminum and white |
| Optical cover finish | Clear |
| Overall length | 405 mm |
| Overall width | 280 mm |
| | |
| Approval and Application | |
| Ingress protection code | IP40 [Wire-protected] |
| Mech. impact protection code | IK03 [0.3 J] |
| Protection class IEC | Safety class I |

| Initial Performance (IEC Compliant) | | |
|---------------------------------------|-------------------------|--|
| Luminous flux tolerance | +/-10% | |
| Initial chromaticity | (0.38.0.38)SDCM<5 | |
| Power consumption tolerance | +/-10% | |
| | | |
| Over Time Performance (IEC Compliant) | | |
| Driver failure rate at 5000 h | 0.01 % | |
| Median useful life L70B50 | 65,000 hour(s) | |
| Median useful life L80B50 | 45,000 hour(s) | |
| Median useful life L90B50 | 25,000 hour(s) | |
| | | |
| Application Conditions | | |
| Maximum dim level | Not applicable | |
| Suitable for random switching | No | |
| | | |
| Product Data | | |
| Order product name | BY560P LED160/NW PSU NB | |
| Full product name | BY560P LED160/NW PSU NB | |
| Full product code | 911401503951 | |
| Order code | 01503951 | |
| Material Nr. (12NC) | 911401503951 | |
| Numerator - Quantity Per Pack | 1 | |
| Numerator - Packs per outer box | 2 | |
| | | |

Dimensional drawing





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