

# GreenUp Highbay G2

## BY560P LED160/NW PSU NB CAU

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 IPX0 & 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** | - |
| **Cable** | Cable 3.0 m with plug |
| **Number of products on MCB of 16 A type B** | 11 |

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| 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 |

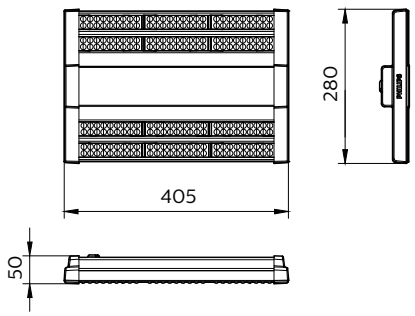
| Initial Performance (IEC Compliant) | |
|---|---|
| **Luminous flux tolerance** | +/-10% |
| **Initial chromaticity** | (0.38.0.38)SDCM<5 |
| **Power consumption tolerance** | +/-10% |

| Over Time Performance (IEC Compliant) | |
|---|---|
| **Driver failure rate at 5000 h** | 0.01 % |
| **Median useful life L70B50** | 65,000 h |
| **Median useful life L80B50** | 45,000 h |
| **Median useful life L90B50** | 25,000 h |

| Application Conditions | |
|---|---|
| **Maximum dim level** | Not applicable |
| **Suitable for random switching** | No |

| Product Data | |
|---|---|
| **Order product name** | BY560P LED160/NW PSU NB CAU |
| **Full product name** | BY560P LED160/NW PSU NB CAU |
| **Full product code** | 871016333682400 |
| **Local code description** | GUHB2L160NWFNB |
| **Order code** | 911401504651 |
| **Material Nr. (12NC)** | 911401504651 |
| **Local order code** | GUHB2L160NWFNB |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8710163336824 |
| **Numerator - Packs per outer box** | 2 |
| **EAN/UPC - Case** | 8710163336824 |

## Dimensional drawing



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2023, April 29 - data subject to change