



GreenUp Highbay G2

BY560X LED160/NW ACW2 IS WB

GreenUp Highbay G2, 120 W, 16000 lm, 4000 K, DALI, 90°

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 | Beam angle of light source | ~ degree(s) |
| Number of gear units | 1 unit | Light source color | 840 neutral white |
| Driver included | Yes | Optic type | Wide beam |
| Light source engine type | LED | Optical cover type | Linear-lens array in polycarbonate cover |
| CE mark | CE mark | Luminaire light beam spread | 90° |
| Warranty period | 3 years | Operating and Electrical | |
| Flammability mark | For mounting on normally flammable surfaces | Input Voltage | 220 to 240 V |
| ENEC mark | - | Line Frequency | 50 to 60 Hz |
| Glow-wire test | Temperature 650 °C, duration 5 s | Inrush current | 5.1 A |
| Light Technical | | Inrush time | 760 ms |
| Luminous Flux | 16,000 lm | Power Consumption | 120 W |
| Correlated Color Temperature (Nom) | 4000 K | Power Factor (Fraction) | 0.95 |
| Luminous Efficacy (rated) (Nom) | 133 lm/W | Connection | Flying leads/wires |
| Color rendering index (CRI) | >80 | Cable | Cable 1.5 m without plug |
| | | Number of products on MCB of 16 A type B | 24 |

GreenUp Highbay G2

Temperature

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

Controls and Dimming

| | |
|-------------------------------|---------------------------------------|
| Dimmable | Wireless Dim |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface | DALI |
| 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 | 550 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 | 1% |
| Suitable for random switching | Yes |

Product Data

| | |
|---------------------------------|-----------------------------|
| Order product name | BY560X LED160/NW ACW2 IS WB |
| Full product name | BY560X LED160/NW ACW2 IS WB |
| Full product code | 911401522451 |
| Order code | 911401522451 |
| Material Nr. (12NC) | 911401522451 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 2 |

Dimensional drawing

