



GreenUp Highbay G2

BY560P LED105/CW PSU WB

865 cool daylight - Power supply unit - Wide beam

Height is not an issue any more, maximum 16 m 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 and 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 and product warranty will become void

Product data

| General Information | | Flammability mark | |
|-------------------------------|--|---|--|
| Beam angle of light source | - ° | | F [For mounting on normally flammable surfaces] |
| Lamp colour code | 865 cool daylight | CE mark | CE mark |
| Light source replaceable | No | ENEC mark | - |
| Number of gear units | 1 unit | Warranty period | 3 years |
| Driver/power unit/transformer | PSU [Power supply unit] | Constant light output | No |
| Driver included | Yes | Number of products on MCB (16 A type B) | 24 |
| Optic type | WB [Wide beam] | LED engine type | LED |
| Optical cover/lens type | LIN-PC [Linear-lens array in polycarbonate cover] | Operating and Electrical | |
| Luminaire light beam spread | 90° | Input Voltage | 220 to 240 V |
| Control interface | - | Input frequency | 50 to 60 Hz |
| Connection | Flying leads/wires | Inrush current | 19 A |
| Cable | Cable 1.5 m without plug (C1K5) | Inrush time | 280 ms |
| Protection class IEC | Safety class I (I) | Power factor (min.) | 0.95 |
| Glow-wire test | 650/5 [Temperature 650 °C, duration 5 s] | | |

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Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and Housing

| | |
|-----------------------------|---------------------|
| Housing material | Aluminum extruded |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material | - |
| Optical cover/lens finish | Clear |
| Overall length | 525 mm |
| Overall width | 190 mm |
| Colour | Aluminium and White |

Approval and Application

| | |
|------------------------------|------------------------|
| Ingress protection code | IP40 [Wire-protected] |
| Mech. impact protection code | IK03 [0.3 J] |

Initial Performance (IEC Compliant)

| | |
|-------------------------------------|---------------------|
| Initial luminous flux (system flux) | 10500 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 140 lm/W |
| Lamp colour temperature | 6500 K |
| Colour Rendering Index | >80 |
| Initial chromaticity | (0.313,0.324)SDCM<5 |

| | |
|-----------------------------|--------|
| Initial input power | 75 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

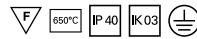
| | |
|---------------------------|---------|
| Median useful life L70B50 | 65000 h |
| Median useful life L80B50 | 45000 h |
| Median useful life L90B50 | 25000 h |

Application Conditions

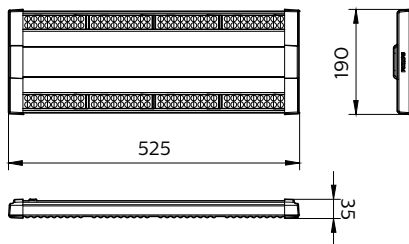
| | |
|-------------------------------|----------------|
| Ambient temperature range | -20 to +45 °C |
| Maximum dimming level | Not applicable |
| Suitable for random switching | No |

Product Data

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|-------------------------------------|-------------------------|
| Full product code | 911401503451 |
| Order product name | BY560P LED105/CW PSU WB |
| Order code | 911401503451 |
| Numerator – quantity per pack | 1 |
| SAP numerator – packs per outer box | 2 |
| Material no. (12 NC) | 911401503451 |
| Net Weight (Piece) | 2.049 kg |



Dimensional drawing



GreenUp High-bay BY550P/BY550X

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