



# GreenUp Highbay G2

## BY560P LED210/CW PSU HRO

865 cool daylight - Power supply unit - High-rack optic

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           |  |
|-------------------------------|--|
| Beam angle of light source    | - °  |
| Light source colour           | 865 cool daylight                                  |
| Light source replaceable      | No   |
| Number of gear units          | 1 unit   |
| Driver/power unit/transformer | PSU [ Power supply unit]                           |
| Driver included               | Yes  |
| Optic type                    | HRO [ High-rack optic]                             |
| Optical cover/lens type       | LIN-PC [ Linear-lens array in polycarbonate cover] |
| Luminaire light beam spread   | 45° x 90°  |
| Control interface             | -  |
| Connection                    | Flying leads/wires                                 |
| Cable                         | Cable 1.5 m without plug (C1K5)                    |
| Protection class IEC          | Safety class I (I)                                 |
| Glow-wire test                | 650/5 [ Temperature 650 °C, duration 5 s]          |

|   |  |
|---|--|
| Flammability mark                       | F [ For mounting on normally flammable surfaces] |
| CE mark                                 | CE mark  |
| ENEC mark                               | -  |
| Warranty period                         | 3 years  |
| Constant light output                   | No   |
| Number of products on MCB (16 A type B) | 11   |
| LED engine type                         | LED  |

### Operating and Electrical

|                     |              |
|---------------------|--------------|
| Input Voltage       | 220 to 240 V |
| Input frequency     | 50 to 60 Hz  |
| Inrush current      | 46 A         |
| Inrush time         | 440 ms       |
| Power factor (min.) | 0.95         |

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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               | 280 mm             |
| Colour                      | Aluminum 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) | 21000 lm            |
| Luminous flux tolerance             | +/-10%              |
| Initial LED luminaire efficacy      | 137 lm/W            |
| Init. Corr. Colour Temperature      | 6500 K              |
| Init. Colour rendering index        | >80                 |
| Initial chromaticity                | (0.313,0.324)SDCM<5 |

|                             |        |
|-----------------------------|--------|
| Initial input power         | 153 W  |
| Power consumption tolerance | +/-10% |

## Over Time Performance (IEC Compliant)

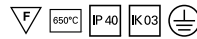
|                           |         |
|---------------------------|---------|
| Median useful life L70B50 | 65000 h |
| Median useful life L80B50 | 45000 h |
| Median useful life L90B50 | 25000 h |

## Application Conditions

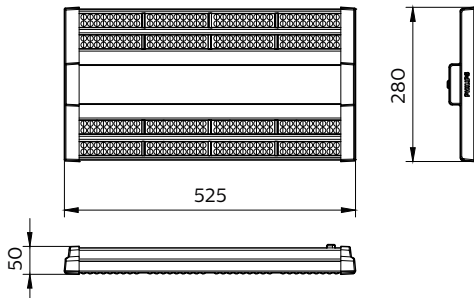
|                               |                |
|-------------------------------|----------------|
| Ambient temperature range     | -20 to +45 °C  |
| Maximum dimming level         | Not applicable |
| Suitable for random switching | No             |

## Product Data

|                                     |                          |
|-------------------------------------|--------------------------|
| Full product code                   | 911401503751             |
| Order product name                  | BY560P LED210/CW PSU HRO |
| Order code                          | 01503751                 |
| Numerator – quantity per pack       | 1                        |
| SAP numerator – packs per outer box | 2                        |
| Material no. (12 NC)                | 911401503751             |
| Net Weight (Piece)                  | 3.599 kg                 |



## Dimensional drawing



GreenUp High-bay BY550P/BY550X

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