



# GreenUp Highbay G2

## BY560P LED160/NW PSD/CL HRO CAU

GreenUp Highbay G2, 120 W, 16000 lm, 4000 K, DALI, 45° x 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                               | High-rack optic                          |
| Light source engine type           | LED   | Optical cover type                       | Linear-lens array in polycarbonate cover |
| CE mark                            | CE mark                                     | Luminaire light beam spread              | 45° x 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                               | -  |
| Color rendering index (CRI)        | >80   | Cable                                    | Cable 3.0 m with plug                    |
|                                    |   | Number of products on MCB of 16 A type B | 24                                       |

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

|                               |                                       |
|-------------------------------|---------------------------------------|
| Controls and Dimming          |                                       |
| Dimmable                      | Yes                                   |
| 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         | 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% |

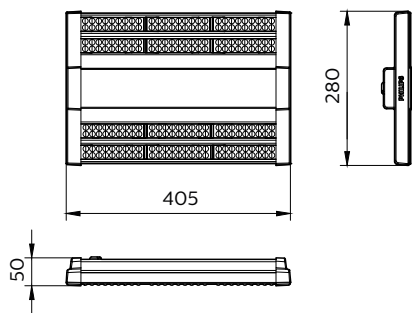
|                             |                   |
|-----------------------------|-------------------|
| Initial chromaticity        | (0.38.0.38)SDCM<5 |
| Power consumption tolerance | +/-10%            |

|                                       |          |
|---------------------------------------|----------|
| 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             | 1% (depends on dimmer, ELV) |
| Suitable for random switching | No                          |

|                                 |                                 |
|---------------------------------|---------------------------------|
| Product Data                    |                                 |
| Order product name              | BY560P LED160/NW PSD/CL HRO CAU |
| Full product name               | BY560P LED160/NW PSD/CL HRO CAU |
| Full product code               | 871016333687900                 |
| Order code                      | 911401506451                    |
| Material Nr. (12NC)             | 911401506451                    |
| Numerator - Quantity Per Pack   | 1                               |
| EAN/UPC - Product/Case          | 8710163336879                   |
| Numerator - Packs per outer box | 2                               |
| EAN/UPC - Case                  | 8710163336879                   |

Dimensional drawing



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