



# GreenUp Highbay G2

## BY560P LED105/CW PSU NB

GreenUp Highbay G2, 75 W, 10500 lm, 6500 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                      | 10,500 lm                                   |
| Correlated Color Temperature (Nom) | 6500 K                                      |
| Luminous Efficacy (rated) (Nom)    | 140 lm/W                                    |
| Color rendering index (CRI)        | >80                                         |

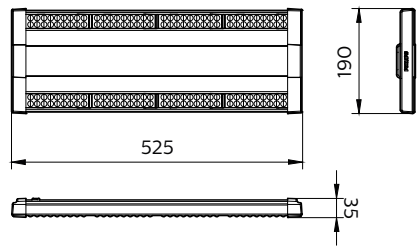
| Beam angle of light source  | - degree(s)                              |
|-----------------------------|------------------------------------------|
| Light source color          | 865 cool daylight                        |
| Optic type                  | Narrow beam                              |
| 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              | 19 A                                     |
| Inrush time                 | 280 ms                                   |
| Power Consumption           | 75 W                                     |
| Power Factor (Fraction)     | 0.95                                     |
| Connection                  | Flying leads/wires                       |
| Cable                       | Cable 1.5 m without plug                 |

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|                                          |                            |
|------------------------------------------|----------------------------|
| Number of products on MCB of 16 A type B | 24                         |
| 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                           | 525 mm                     |
| Overall width                            | 190 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                  | (0.313.0.324)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                     | Not applicable          |
| Suitable for random switching         | No                      |
| Product Data                          |                         |
| Order product name                    | BY560P LED105/CW PSU NB |
| Full product name                     | BY560P LED105/CW PSU NB |
| Full product code                     | 911401503251            |
| Order code                            | 911401503251            |
| Material Nr. (12NC)                   | 911401503251            |
| Numerator - Quantity Per Pack         | 1                       |
| Numerator - Packs per outer box       | 2                       |

Dimensional drawing



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