



# GreenPerform Highbay G5

## BY698X G5 LED150/NW L1W MW WB GM

GreenPerform Highbay G5, 88 W, 15000 lm, 4000 K, Internal (no external connection), 85°

The GreenPerform Highbay G5 continues the GreenPerform family's enviable reputation for reliable performance. Not only does it deliver leading system efficacy and extended long-term quality, it also promises Unified Glare Rating (UGR) control with compact dimensions. GreenPerform Highbay G5 is also fully compatible with IoT software such as Interact, which is a scalable, future-proof control system. The family also has a series that supports cold room applications with 100% humidity and no condensation. All benefits that make this robust, optimized, and versatile family suitable for almost all industrial applications.

### Product data

| General Information      |             |
|--------------------------|-------------|
| Number of gear units     | 1 unit      |
| Gear                     | -           |
| Driver included          | Yes         |
| Light source engine type | LED         |
| Value ladder             | Performance |
| Warranty period          | 5 years     |

| Light Technical                    |           |
|------------------------------------|-----------|
| Luminous Flux                      | 15,000 lm |
| Correlated Color Temperature (Nom) | 4000 K    |
| Luminous Efficacy (rated) (Nom)    | 170 lm/W  |
| Color rendering index (CRI)        | 80        |

|                             |                   |
|-----------------------------|-------------------|
| Number of light sources     | 1                 |
| Beam angle of light source  | 115 degree(s)     |
| Light source color          | 840 neutral white |
| Optic type                  | Wide beam         |
| Luminaire light beam spread | 85°               |
| Unified glare rating CEN    | 25                |
| Effective projected area    | 0 m <sup>2</sup>  |

| Operating and Electrical |              |
|--------------------------|--------------|
| Input Voltage            | 220 to 240 V |
| Line Frequency           | 50 or 60 Hz  |
| Inrush current           | 32.6 A       |
| Inrush time              | 0.666 ms     |

## GreenPerform Highbay G5

|  |                          |
|--|--------------------------|
| Power Consumption                          | 88 W                     |
| Power Factor (Fraction)                    | 0.95                     |
| Connection                                 | Flying leads/wires       |
| Cable                                      | Cable 0.3 m without plug |
| Number of products on MCB of 16 A type B 6 |                          |
| Suitable for random switching              | Yes                      |
| Protection class IEC                       | Safety class I           |

### Controls and Dimming

|                   |                                       |
|-------------------|---------------------------------------|
| Dimmable          | Wireless Dim - Do not use with dimmer |
| Control interface | Internal (no external connection)     |
| Maximum dim level | 0% (digital)                          |

### Mechanical and Housing

|                                     |  |
|-------------------------------------|--|
| Housing Material                    | Aluminum die-cast                            |
| Reflector material                  | -  |
| Optic material                      | Polycarbonate                                |
| Optical cover material              | Polycarbonate                                |
| Housing Color                       | Grey   |
| Mounting device                     | Suspension set simple, standard              |
| Optical cover finish                | Clear  |
| Overall length                      | 435 mm                                       |
| Overall width                       | 290 mm                                       |
| Overall height                      | 100 mm                                       |
| Dimensions (Height x Width x Depth) | 100 x 290 x 435 mm                           |
| Ingress protection code             | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code        | IK06 [1 J]                                   |
| Optical cover type                  | Clear dome                                   |
| Net Weight (Piece)                  | 2.090 kg                                     |

### Approval and Application

|                |                                   |
|----------------|-----------------------------------|
| Glow-wire test | Temperature 750 °C, duration 30 s |
|----------------|-----------------------------------|

|                                    |  |
|------------------------------------|--|
| Flammability mark                  | For mounting on normally flammable surfaces    |
| CE mark                            | Yes  |
| ENEC mark                          | -  |
| Photobiological risk               | Photobiological risk group 1 @200mm to EN62778 |
| Photobiological risk specification | 0.2 m  |
| EU RoHS compliant                  | Yes  |
| Performance ambient temperature Tq | 35 °C  |
| Ambient temperature range          | -30 to +50 °C                                  |

### UV

|                                 |                     |
|---------------------------------|---------------------|
| UV-C radiation                  | 0 W                 |
| UV-C irradiance defined at 0.2m | 0 mW/m <sup>2</sup> |

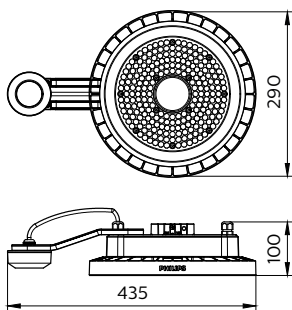
### Initial Performance (IEC Compliant)

|                             |                       |
|-----------------------------|-----------------------|
| Luminous flux tolerance     | +/-10%                |
| Initial chromaticity        | (0.386, 0.384) SDCM<5 |
| Power consumption tolerance | +/-10%                |

### Product Data

|                                 |                                  |
|---------------------------------|----------------------------------|
| Order product name              | BY698X G5 LED150/NW L1W MW WB GM |
| Full product name               | BY698X G5 LED150/NW L1W MW WB GM |
| Full product code               | 872110330830600                  |
| Order code                      | 911401547745                     |
| Material Nr. (12NC)             | 911401547745                     |
| Numerator - Quantity Per Pack   | 1                                |
| EAN/UPC - Product/Case          | 8721103308306                    |
| Numerator - Packs per outer box | 1                                |
| EAN/UPC - Case                  | 8721103308306                    |

## Dimensional drawing



## GreenPerform Highbay G5

