



# GreenPerform Highbay G5

## BY698X G5 LED250/NW Connected WB GM

GreenPerform Highbay G5, 147 W, 25000 lm, 4000 K, BLE, 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                |             | Operating and Electrical    |                   |
|------------------------------------|-------------|-----------------------------|-------------------|
| Number of gear units               | 1 unit      | Beam angle of light source  | 115 degree(s)     |
| Gear                               | -           | Light source color          | 840 neutral white |
| Driver included                    | Yes         | Optic type                  | Wide beam         |
| Light source engine type           | LED         | Luminaire light beam spread | 85°               |
| Value ladder                       | Performance | Unified glare rating CEN    | 25                |
| Warranty period                    | 5 years     | Effective projected area    | 0 m <sup>2</sup>  |
| Light Technical                    |             | Input Voltage               | 220 to 240 V      |
| Luminous Flux                      | 25,000 lm   | Line Frequency              | 50 or 60 Hz       |
| Correlated Color Temperature (Nom) | 4000 K      | Inrush current              | 10 A              |
| Luminous Efficacy (rated) (Nom)    | 170 lm/W    | Inrush time                 | 0.85 ms           |
| Color rendering index (CRI)        | 80          | Power Consumption           | 147 W             |
| Number of light sources            | 1           | Power Factor (Fraction)     | 0.95              |

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|  |                          |
|--|--------------------------|
| 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          | -   |
| Control interface | BLE |
| Maximum dim level | 3%  |

### 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                      | 530 mm                                       |
| Overall width                       | 393 mm                                       |
| Overall height                      | 126 mm                                       |
| Dimensions (Height x Width x Depth) | 126 x 393 x 530 mm                           |
| Ingress protection code             | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code        | IK05 [0.7 J]                                 |
| Optical cover type                  | Clear dome                                   |
| Net Weight (Piece)                  | 6.590 kg                                     |

### Approval and Application

|                |                                   |
|----------------|-----------------------------------|
| Glow-wire test | Temperature 650 °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 °C to 50 °C                                |

### UV

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

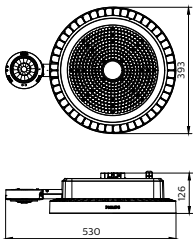
### Initial Performance (IEC Compliant)

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

### Product Data

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Order product name              | BY698X G5 LED250/NW Connected WB GM |
| Full product name               | BY698X G5 LED250/NW Connected WB GM |
| Order code                      | 911401545045                        |
| Material Nr. (12NC)             | 911401545045                        |
| Numerator - Quantity Per Pack   | 1                                   |
| Numerator - Packs per outer box | 1                                   |

## Dimensional drawing



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