



# GreenPerform Highbay G5

BY698P G5 LED150/NW PSD WB LA

GreenPerform Highbay G5, 93 W, 15000 lm, 4000 K, DALI, 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 than make this robust, optimized, and versatile family suitable for almost all industrial applications.

## Product data

|                                    |               |                             |  |
|------------------------------------|---------------|-----------------------------|--|
| General Information                |               | Light source color          |  |
| Number of gear units               | 1 unit        | 840 neutral white           |  |
| Gear                               | -             | Optic type                  |  |
| Driver included                    | Yes           | Wide beam                   |  |
| Light source engine type           | LED           | Luminaire light beam spread |  |
| Warranty period                    | 5 years       | 85°                         |  |
| Light Technical                    |               | Unified glare rating CEN    |  |
| Luminous Flux                      | 15,000 lm     | 25                          |  |
| Correlated Color Temperature (Nom) | 4000 K        | Effective projected area    |  |
| Luminous Efficacy (rated) (Nom)    | 161 lm/W      | 0 m²                        |  |
| Color rendering index (CRI)        | 80            | Operating and Electrical    |  |
| Number of light sources            | 1             | Input Voltage               |  |
| Beam angle of light source         | 115 degree(s) | 220 to 240 V                |  |
|                                    |               | Line Frequency              |  |
|                                    |               | 50 or 60 Hz                 |  |
|                                    |               | Inrush current              |  |
|                                    |               | 53 A                        |  |
|                                    |               | Inrush time                 |  |
|                                    |               | 0.3 ms                      |  |
|                                    |               | Power Consumption           |  |
|                                    |               | 93 W                        |  |
|                                    |               | Power Factor (Fraction)     |  |
|                                    |               | 0.95                        |  |
|                                    |               | Connection                  |  |
|                                    |               | Flying leads/wires          |  |

## GreenPerform Highbay G5

|                                            |                          |
|--------------------------------------------|--------------------------|
| Cable                                      | Cable 0.3 m without plug |
| Number of products on MCB of 16 A type B 8 |                          |
| Suitable for random switching              | Yes                      |
| Protection class IEC                       | Safety class I           |

### Controls and Dimming

|                   |      |
|-------------------|------|
| Dimmable          | DALI |
| Control interface | DALI |
| Maximum dim level | 20%  |

### 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 height               | 99 mm                                        |
| Overall diameter             | 330 mm                                       |
| Ingress protection code      | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected]                  |
| Optical cover type           | Clear dome                                   |
| Net Weight (Piece)           | 3.540 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/m² |

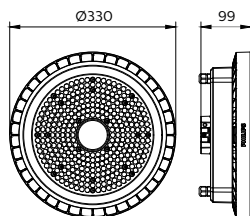
### Initial Performance (IEC Compliant)

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

### Product Data

|                                 |                               |
|---------------------------------|-------------------------------|
| Order product name              | BY698P G5 LED150/NW PSD WB LA |
| Full product name               | BY698P G5 LED150/NW PSD WB LA |
| Order code                      | 911401537345                  |
| Material Nr. (12NC)             | 911401537345                  |
| Numerator - Quantity Per Pack   | 1                             |
| Numerator - Packs per outer box | 1                             |

## Dimensional drawing



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