



# GreenPerform Highbay G5

BY698P G5 LED105/NW PSD WB LA

GreenPerform Highbay G5, 69 W, 10500 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

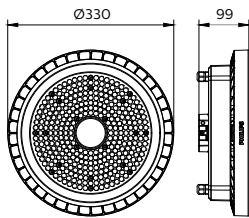
| General Information                |               | Light source color          |  | 840 neutral white  |  |
|------------------------------------|---------------|-----------------------------|--|--------------------|--|
| Number of gear units               | 1 unit        | Optic type                  |  | Wide beam          |  |
| Gear                               | -             | Luminaire light beam spread |  | 85°                |  |
| Driver included                    | Yes           | Unified glare rating CEN    |  | 25                 |  |
| Light source engine type           | LED           | Effective projected area    |  | 0 m²               |  |
| Warranty period                    | 5 years       |                             |  |                    |  |
| Operating and Electrical           |               |                             |  |                    |  |
| Light Technical                    |               | Input Voltage               |  | 220 to 240 V       |  |
| Luminous Flux                      | 10,500 lm     | Line Frequency              |  | 50 or 60 Hz        |  |
| Correlated Color Temperature (Nom) | 4000 K        | Inrush current              |  | 53 A               |  |
| Luminous Efficacy (rated) (Nom)    | 152 lm/W      | Inrush time                 |  | 0.3 ms             |  |
| Color rendering index (CRI)        | 80            | Power Consumption           |  | 69 W               |  |
| Number of light sources            | 1             | Power Factor (Fraction)     |  | 0.95               |  |
| Beam angle of light source         | 115 degree(s) | Connection                  |  | Flying leads/wires |  |

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|                                            |                                              |
|--------------------------------------------|----------------------------------------------|
| 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 LED105/NW PSD WB LA                  |
| Full product name                   | BY698P G5 LED105/NW PSD WB LA                  |
| Order code                          | 911401537145                                   |
| Material Nr. (12NC)                 | 911401537145                                   |
| Numerator - Quantity Per Pack       | 1                                              |
| Numerator - Packs per outer box     | 1                                              |

Dimensional drawing



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