# GreenPerform Highbay G5

## BY698P G5 LED150/CW PSU NB GM L3m

GreenPerform Highbay G5, 88 W, 15000 lm, 6500 K, 55°

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 | |
|---|---|
| **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)** | 6500 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** | 865 cool daylight |
| **Optic type** | Narrow beam |
| **Luminaire light beam spread** | 55° |
| **Unified glare rating CEN** | 22 |
| **Effective projected area** | 0 m² |

| 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 |
| **Power Consumption** | 88 W |
| **Power Factor (Fraction)** | 0.95 |

# GreenPerform Highbay G5

| | |
|---|---|
| **Connection** | Flying leads/wires |
| **Cable** | Cable 3.0 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** | - |
| **Maximum dim level** | Not applicable |

## 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** | 90 mm |
| **Overall diameter** | 290 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)** | 2.240 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 |

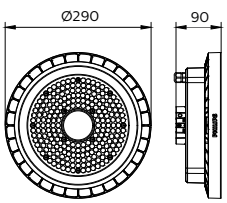
## Initial Performance (IEC Compliant)

| | |
|---|---|
| **Luminous flux tolerance** | -10% / +10% |
| **Initial chromaticity** | (0.317, 0.338) SDCM<5 |
| **Power consumption tolerance** | +/-10% |

## Product Data

| | |
|---|---|
| **Order product name** | BY698P G5 LED150/CW PSU NB GM L3m |
| **Full product name** | BY698P G5 LED150/CW PSU NB GM L3m |
| **Full product code** | 872110330790300 |
| **Order code** | 911401539445 |
| **Material Nr. (12NC)** | 911401539445 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8721103307903 |
| **Numerator - Packs per outer box** | 1 |
| **EAN/UPC - Case** | 8721103307903 |

## Dimensional drawing



# GreenPerform Highbay G5

© 2025 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.