



GreenPerform Highbay G5

BY698P G5 LED250/NW PSD NB GM

GreenPerform Highbay G5, 154 W, 25000 lm, 4000 K, DALI, 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 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 | Narrow beam |
| Light source engine type | LED | Luminaire light beam spread | 55° |
| Value ladder | Performance | Unified glare rating CEN | 22 |
| Warranty period | 5 years | Effective projected area | 0 m ² |
| 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 | 60 A |
| Luminous Efficacy (rated) (Nom) | 162 lm/W | Inrush time | 0.6 ms |
| Color rendering index (CRI) | 80 | Power Consumption | 154 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 | DALI |
| Control interface | DALI |
| Maximum dim level | 20% |

Mechanical and Housing

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|------------------------------|--|
| 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 | 126 mm |
| Overall diameter | 393 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) | 6.290 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

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

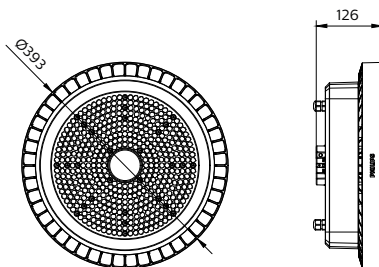
Initial Performance (IEC Compliant)

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

Product Data

| | |
|---------------------------------|-------------------------------|
| Order product name | BY698P G5 LED250/NW PSD NB GM |
| Full product name | BY698P G5 LED250/NW PSD NB GM |
| Order code | 911401534445 |
| Material Nr. (12NC) | 911401534445 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |

Dimensional drawing



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