



GreenPerform Highbay G5

BY698X G5 LED300/CW Connected WB GM

GreenPerform Highbay G5, 182 W, 31000 lm, 6500 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 | 865 cool daylight |
| 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 ² |
| Light Technical | | Input Voltage | 220 to 240 V |
| Luminous Flux | 31,000 lm | Line Frequency | 50 or 60 Hz |
| Correlated Color Temperature (Nom) | 6500 K | Inrush current | 10 A |
| Luminous Efficacy (rated) (Nom) | 170 lm/W | Inrush time | 0.85 ms |
| Color rendering index (CRI) | 80 | Power Consumption | 182 W |
| Number of light sources | 1 | Power Factor (Fraction) | 0.95 |

GreenPerform Highbay G5

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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

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|-------------------|-----|
| 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

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

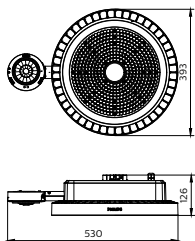
Initial Performance (IEC Compliant)

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

Product Data

| | |
|---------------------------------|-------------------------------------|
| Order product name | BY698X G5 LED300/CW Connected WB GM |
| Full product name | BY698X G5 LED300/CW Connected WB GM |
| Order code | 911401545645 |
| Material Nr. (12NC) | 911401545645 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |

Dimensional drawing



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