



GreenPerform Highbay G5

BY690P LED150/NW PSU WB GM

Lens

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 | | Power Factor (Min) | |
|--|-------------------|-----------------------------|-------------------|
| Light source color | 840 neutral white | | 0.95 |
| Optical cover/lens type | Lens | Controls and dimming | |
| Control interface | - | Dimmable | No |
| Protection class IEC | Safety class I | Mechanical and housing | |
| CE mark | CE mark | Housing Material | Aluminum die cast |
| Number of products on MCB of 16 A type B 6 | | Optical cover/lens material | Polycarbonate |
| Light source engine type | LED | Optical cover/lens finish | Clear |
| Operating and electrical | | Overall height | 90 mm |
| Input Voltage | 220 to 240 V | Overall diameter | 290 mm |
| Input Frequency | 50 or 60 Hz | Color | Dark gray |
| Inrush current | 0.04 A | | |

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Approval and application

| | |
|------------------------------|---|
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |

Initial performance (IEC compliant)

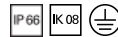
| | |
|-------------------------------------|-----------------------|
| Initial luminous flux (system flux) | 15000 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 160 lm/W |
| Init. Corr. Color Temperature | 4000 K |
| Init. Color Rendering Index | >80 |
| Initial chromaticity | (0.385, 0.380) SDCM<5 |
| Initial input power | 95 W |
| Power consumption tolerance | +/-10% |

Application conditions

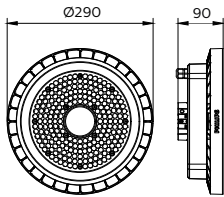
| | |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

Product data

| | |
|---------------------------------|----------------------------|
| Order product name | BY690P LED150/NW PSU WB GM |
| Order code | 911401532991 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 911401532991 |
| Net Weight (Piece) | 1.990 kg |



Dimensional drawing



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