

PHILIPS

Lighting



GreenPerform Highbay G5

BY698P G5 LED300/NW PSU WB GM L3m

- 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

| | |
|--------------------------|-----|
| Light source engine type | LED |
|--------------------------|-----|

Light Technical

| | |
|------------------------------------|-------------------|
| Luminous Flux | 30,000 lumen |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 160 lm/W |
| Color rendering index (CRI) | 80 |
| Light source color | 840 neutral white |
| Optical cover/lens type | Lens |

Operating and Electrical

| | |
|--|-------------------|
| Input Frequency | 50 or 60 Hz |
| Power Consumption | 192 W |
| Power Factor (Fraction) | 0.95 |
| Number of products on MCB of 16 A type B | |
| Temperature | |
| Ambient temperature range | -30 to +50 °C |
| Controls and Dimming | |
| Dimmable | No |
| Control interface | - |
| Mechanical and Housing | |
| Housing Material | Aluminum die cast |

| | |
|----------------|--------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 or 60 Hz |

Datasheet, 2023, May 22

data subject to change

GreenPerform Highbay G5

| | |
|-----------------------------|---------------|
| Optical cover/lens material | Polycarbonate |
| Housing Color | Dark gray |
| Optical cover/lens finish | Clear |
| Overall height | 99 mm |
| Overall diameter | 393 mm |

Approval and Application

| | |
|------------------------------|--|
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Protection class IEC | Safety class I |
| CE mark | CE mark |

Initial Performance (IEC Compliant)

| | |
|-------------------------|-----------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.385, 0.380) SDCM<5 |

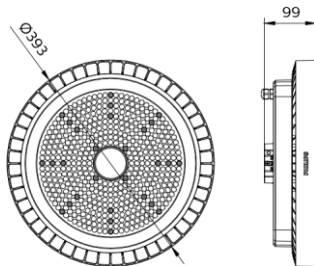
| | |
|-----------------------------|--------|
| Power consumption tolerance | +/-10% |
|-----------------------------|--------|

Product Data

| | |
|---------------------------------|-----------------------------------|
| Full product code | 871951493216600 |
| Order product name | BY698P G5 LED300/NW PSU WB GM L3m |
| EAN/UPC - Product | 8719514932166 |
| Order code | 911401570691 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material number (12NC) | 911401570691 |
| Full product name | BY698P G5 LED300/NW PSU WB GM L3m |
| EAN/UPC - Case | 8719514932166 |



Dimensional drawing



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