



GreenPerform Highbay G4

BY698P LED68/NW PSU NB GM G2

840 neutral white - Power supply unit - Symmetrical

Following the success of the GreenPerform Highbay families, the GreenPerform Highbay G4 is continuously exploring a better price and performance balance. The product family offers wide product ranges, competitive enough SPEC with long-term quality and reliability, covering most of the potential industrial applications.

Product data

| General Information | |
|-------------------------------|--|
| Lamp colour code | 840 neutral white |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver/power unit/transformer | PSU [Power supply unit] |
| Driver included | Yes |
| Optic type | Symmetrical |
| Optical cover/lens type | PC [Polycarbonate bowl/cover] |
| Luminaire light beam spread | 60° |
| Control interface | - |
| Cable | Cable 0.3 m without plug |
| Protection class IEC | Safety class I (I) |
| Glow-wire test | 650/30 [Temperature 650 °C, duration 30 s] |
| Flammability mark | F [For mounting on normally flammable surfaces] |
| CE mark | CE mark |
| ENEC mark | - |
| Warranty period | 3 years |

| Constant light output | No |
|---|--------------|
| Number of products on MCB (16 A type B) | 8 |
| EU RoHS compliant | Yes |
| Light source engine type | LED |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Input frequency | 50 or 60 Hz |
| Inrush current | 47 A |
| Inrush time | 0.5 ms |
| Power factor (min.) | 0.95 |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Housing material | Aluminium |
| Reflector material | - |

GreenPerform Highbay G4

| | |
|-----------------------------|---------------|
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Optical cover/lens finish | Clear |
| Overall height | 99 mm |
| Overall diameter | 307 mm |
| Colour | Grey |

Approval and Application

| | |
|------------------------------|---|
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |

Initial Performance (IEC Compliant)

| | |
|--------------------------------|----------|
| Initial luminous flux | 6800 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 135 lm/W |
| Lamp colour temperature | 4000 K |
| Colour Rendering Index | >80 |
| Initial input power | 52 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

| | |
|---------------------------|---------|
| Median useful life L70B50 | 50000 h |
|---------------------------|---------|

Application Conditions

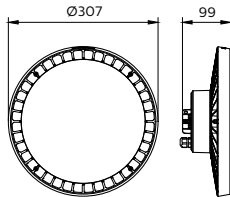
| | |
|-------------------------------|----------------|
| Ambient temperature range | -30 to +50 °C |
| Maximum dimming level | Not applicable |
| Suitable for random switching | No |

Product Data

| | |
|-----------------------------------|------------------------------|
| Full product code | 911401516861 |
| Order product name | BY698P LED68/NW PSU NB GM G2 |
| Order code | 911401516861 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 1 |
| SAP material | 911401516861 |
| SAP net weight (piece) | 2.499 kg |



Dimensional drawing



BY698P GreenPerform High-bay gen3

