



# GreenPerform Highbay G4

## BY698P LED105/NW PSU NB GM G2

GreenPerform Highbay G4, 78 W, 10500 lm, 4000 K, 60°

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

### Product data

| General Information                |                                             |                                            |                          |
|------------------------------------|---------------------------------------------|--------------------------------------------|--------------------------|
| Light source replaceable           | No                                          | Color rendering index (CRI)                | >80                      |
| Number of gear units               | 1 unit                                      | Light source color                         | 840 neutral white        |
| Driver included                    | Yes                                         | Optic type                                 | Symmetrical              |
| Light source engine type           | LED                                         | Optical cover type                         | Polycarbonate bowl/cover |
| Service tag                        | Yes                                         | Luminaire light beam spread                | 60°                      |
| CE mark                            | CE mark                                     | Operating and Electrical                   |                          |
| Warranty period                    | 3 years                                     | Input Voltage                              | 220 to 240 V             |
| Flammability mark                  | For mounting on normally flammable surfaces | Line Frequency                             | 50 or 60 Hz              |
| ENEC mark                          | -                                           | Inrush current                             | 47 A                     |
| Glow-wire test                     | Temperature 650 °C, duration 30 s           | Inrush time                                | 0.5 ms                   |
| EU RoHS compliant                  | Yes                                         | Power Consumption                          | 78 W                     |
| Light Technical                    |                                             | Power Factor (Fraction)                    | 0.95                     |
| Luminous Flux                      | 10,500 lm                                   | Cable                                      | Cable 0.3 m without plug |
| Correlated Color Temperature (Nom) | 4000 K                                      | Number of products on MCB of 16 A type B 8 |                          |
| Luminous Efficacy (rated) (Nom)    | 135 lm/W                                    |                                            |                          |

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|                                 |                                              |
|---------------------------------|----------------------------------------------|
| <b>Temperature</b>              |                                              |
| Ambient temperature range       | -30 to +50 °C                                |
| <b>Controls and Dimming</b>     |                                              |
| Dimmable                        | No                                           |
| Driver/power unit/transformer   | Power supply unit (On/Off)                   |
| Control interface               | -                                            |
| Constant light output           | No                                           |
| <b>Mechanical and Housing</b>   |                                              |
| Housing Material                | Aluminum                                     |
| Reflector material              | -                                            |
| Optic material                  | Polycarbonate                                |
| Optical cover material          | Polycarbonate                                |
| Housing Color                   | Gray                                         |
| Optical cover finish            | Clear                                        |
| Overall height                  | 99 mm                                        |
| Overall diameter                | 307 mm                                       |
| <b>Approval and Application</b> |                                              |
| Ingress protection code         | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code    | IK08 [5 J vandal-protected]                  |
| Protection class IEC            | Safety class I                               |

|                                              |                               |
|----------------------------------------------|-------------------------------|
| <b>Initial Performance (IEC Compliant)</b>   |                               |
| Luminous flux tolerance                      | +/-10%                        |
| Power consumption tolerance                  | +/-10%                        |
| <b>Over Time Performance (IEC Compliant)</b> |                               |
| Median useful life L70B50                    | 50,000 hour(s)                |
| <b>Application Conditions</b>                |                               |
| Maximum dim level                            | Not applicable                |
| Suitable for random switching                | No                            |
| <b>Product Data</b>                          |                               |
| Order product name                           | BY698P LED105/NW PSU NB GM G2 |
| Full product name                            | BY698P LED105/NW PSU NB GM G2 |
| Full product code                            | 872016954893000               |
| Order code                                   | 911401517261                  |
| Material Nr. (12NC)                          | 911401517261                  |
| Numerator - Quantity Per Pack                | 1                             |
| EAN/UPC - Product/Case                       | 8720169548930                 |
| Numerator - Packs per outer box              | 1                             |
| EAN/UPC - Case                               | 8720169548930                 |

### Dimensional drawing

