



# GreenPerform Highbay G4

## BY698P LED205/CW PSU WB GM G2

GreenPerform Highbay G4, 149 W, 20500 lm, 6500 K, 90°

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                         | 865 cool daylight        |
| Driver included                    | Yes   | Optic type                                 | Symmetrical              |
| Light source engine type           | LED   | Optical cover type                         | Polycarbonate bowl/cover |
| Service tag                        | Yes   | Luminaire light beam spread                | 90°                      |
| 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                             | 54 A                     |
| Glow-wire test                     | Temperature 650 °C, duration 30 s           | Inrush time                                | 0.65 ms                  |
| EU RoHS compliant                  | Yes   | Power Consumption                          | 149 W                    |
| Light Technical                    |   | Power Factor (Fraction)                    | 0.95                     |
| Luminous Flux                      | 20,500 lm                                   | Cable                                      | Cable 0.3 m without plug |
| Correlated Color Temperature (Nom) | 6500 K                                      | Number of products on MCB of 16 A type B 8 |                          |
| Luminous Efficacy (rated) (Nom)    | 135 lm/W                                    |  |                          |

## GreenPerform Highbay G4

### Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -30 to +50 °C |
|---------------------------|---------------|

### Controls and Dimming

|                               |                            |
|-------------------------------|----------------------------|
| Dimmable                      | No                         |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface             | -                          |
| Constant light output         | No                         |

### Mechanical and Housing

|                        |               |
|------------------------|---------------|
| 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       | 360 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                               |

### Initial Performance (IEC Compliant)

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

### Over Time Performance (IEC Compliant)

|                           |                |
|---------------------------|----------------|
| Median useful life L70B50 | 50,000 hour(s) |
|---------------------------|----------------|

### Application Conditions

|                               |                |
|-------------------------------|----------------|
| Maximum dim level             | Not applicable |
| Suitable for random switching | No             |

### Product Data

|                                 |                               |
|---------------------------------|-------------------------------|
| Order product name              | BY698P LED205/CW PSU WB GM G2 |
| Full product name               | BY698P LED205/CW PSU WB GM G2 |
| Full product code               | 872016952088200               |
| Order code                      | 911401517961                  |
| Material Nr. (12NC)             | 911401517961                  |
| Numerator - Quantity Per Pack   | 1                             |
| EAN/UPC - Product/Case          | 8720169520882                 |
| Numerator - Packs per outer box | 1                             |
| EAN/UPC - Case                  | 8720169520882                 |

## Dimensional drawing

