**PHILIPS** Lighting



# GreenPerform Highbay G4

## BY698P LED265/CW PSD NB GM G2

GreenPerform Highbay G4, 207 W, 26500 lm, 6500 K, DALI, 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**

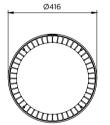
| General Information                |                                    |  |
|------------------------------------|------------------------------------|--|
| Light source replaceable           | No                                 |  |
| Number of gear units               | 2 units                            |  |
| Driver included                    | Yes                                |  |
| Light source engine type           | LED                                |  |
| CE mark                            | CE mark                            |  |
| Warranty period                    | 3 years                            |  |
| Flammability mark                  | For mounting on normally flammable |  |
|                                    | surfaces                           |  |
| ENEC mark                          | -                                  |  |
| Glow-wire test                     | Temperature 750 °C, duration 5 s   |  |
| EU RoHS compliant                  | Yes                                |  |
|                                    |                                    |  |
| Light Technical                    |                                    |  |
| Luminous Flux                      | 26,500 lm                          |  |
| Correlated Color Temperature (Nom) | 6500 K                             |  |
| Luminous Efficacy (rated) (Nom)    | 128 lm/W                           |  |
| Color rendering index (CRI)        | >80                                |  |
|                                    |                                    |  |

| Beam angle of light source    | 60 degree(s)             |  |
|-------------------------------|--------------------------|--|
| Light source color            | 865 cool daylight        |  |
| Optic type                    | Beam angle 60°           |  |
| Optical cover type            | Without cover            |  |
| Luminaire light beam spread   | 60°                      |  |
|                               |                          |  |
| Operating and Electrical      |                          |  |
| Input Voltage                 | 220 to 240 V             |  |
| Line Frequency                | 50 or 60 Hz              |  |
| Initial CLO power consumption | 207 W                    |  |
| Average CLO power consumption | 207 W                    |  |
| Inrush current                | 60 A                     |  |
| Inrush time                   | 0.6 ms                   |  |
| Power Consumption             | 207 W                    |  |
| Power Factor (Fraction)       | 0.95                     |  |
| Connection                    | -                        |  |
| Cable                         | Cable 0.3 m without plug |  |
|                               |                          |  |

### **GreenPerform Highbay G4**

| Number of products on MCB of 16 A ty | <b>уре В</b> 8                               | Protection class IEC                  | Safety class I               |
|--------------------------------------|--|---------------------------------------|------------------------------|
| Temperature                          |  | Initial Performance (IEC Complia      | unt)                         |
| Ambient temperature range            | -30 to +45 °C                                | Luminous flux tolerance               | +/-10%                       |
|                                      |  | Power consumption tolerance           | +/-10%                       |
| Controls and Dimming                 |  |                                       |                              |
| Dimmable                             | Yes  | Over Time Performance (IEC Compliant) |                              |
| Driver/power unit/transformer        | Power supply unit (On/Off)                   | Driver failure rate at 5000 h         | 0.1 %                        |
| Control interface                    | DALI   | Median useful life L70B50             | 50,000 hour(s)               |
| Constant light output                | Programmable                                 |                                       |                              |
|                                      |  | Application Conditions                |                              |
| Mechanical and Housing               |  | Maximum dim level                     | 5%                           |
| Housing Material                     | Aluminum die cast                            | Suitable for random switching         | No                           |
| Reflector material                   | Aluminum                                     |                                       |                              |
| Optic material                       | Polycarbonate                                | Product Data                          |                              |
| Optical cover material               | Polycarbonate                                | Order product name                    | BY698P LED265/CW PSD NB GM G |
| Fixation material                    | Aluminum                                     | Full product name                     | BY698P LED265/CW PSD NB GM G |
| Housing Color                        | Gray   | Full product code                     | 911401535261                 |
| Optical cover finish                 | Clear  | Order code                            | 911401535261                 |
| Overall height                       | 335 mm                                       | Material Nr. (12NC)                   | 911401535261                 |
| Overall diameter                     | 416 mm                                       | Numerator - Quantity Per Pack         | 1                            |
|                                      |  | Numerator - Packs per outer box       | 1                            |
| Approval and Application             |  |                                       |                              |
| Ingress protection code              | IP65 [Dust penetration-protected, jet-proof] |                                       |                              |
| Mech. impact protection code         | IK08 [5 J vandal-protected]                  |                                       |                              |

#### **Dimensional drawing**







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