PHILIPS Lighting



GreenPerform Highbay G4

BY698P LED265/CW PSD WB GM G2

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

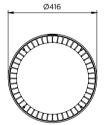
| General Information | | |
|------------------------------------|------------------------------------|--|
| Light source replaceable | No | |
| Number of gear units | 2 units | |
| Driver included | Yes | |
| Light source engine type | LED | |
| CE mark | CE mark | |
| Warranty period | 3 years | |
| 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 | 90 degree(s) | |
|-------------------------------|--------------------------|--|
| Light source color | 865 cool daylight | |
| Optic type | Beam angle 90° | |
| Optical cover type | Without cover | |
| Luminaire light beam spread | 90° | |
| | | |
| 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 t | type B 8 | Protection class IEC | Safety class I |
|-------------------------------------|--|---------------------------------------|------------------------------|
| Temperature | | Initial Performance (IEC Complia | ant) |
| Ambient temperature range | -30 to +45 ℃ | 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 WB GM G |
| Fixation material | Aluminum | Full product name | BY698P LED265/CW PSD WB GM G |
| Housing Color | Gray | Full product code | 911401535361 |
| Optical cover finish | Clear | Order code | 911401535361 |
| Overall height | 335 mm | Material Nr. (12NC) | 911401535361 |
| 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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