



GreenPerform Highbay HT

BY687P LED250/NW PSR WB G2 XT EN

GreenPerform Highbay HT, 185 W, 25000 lm, 4000 K, 93°

GreenPerform Highbay High Ta is an ideal solution for high temperature application and special heavy industry, enables a safe working environment with leading specication and comfortable light. In the meanwhile, lower the overall maintenance cost eventually.

Product data

| General Information | |
|--|--|
| Light source replaceable | No |
| Number of gear units | 1 unit |
| 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 650 °C, duration 5 s |
| EU RoHS compliant | No |
| | |
| Light Technical | |
| Luminous Flux | 25,000 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 135 lm/W |
| Color rendering index (CRI) | >80 |
| Glow-wire test EU RoHS compliant Light Technical Luminous Flux Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) | Temperature 650 °C, duration 5 s No 25,000 lm 4000 K 135 lm/W |

| Beam angle of light source | - degree(s) | |
|--|--------------------------|--|
| Light source color | 840 neutral white | |
| Optic type | Wide beam | |
| Optical cover type | Tempered glass | |
| Luminaire light beam spread | 93° | |
| | | |
| Operating and Electrical | | |
| Input Voltage | 220 to 240 V | |
| Line Frequency | 50 to 60 Hz | |
| Inrush current | 38.3 A | |
| Inrush time | 625 ms | |
| Power Consumption | 185 W | |
| Power Factor (Fraction) | 0.95 | |
| Connection | Flying leads/wires | |
| Cable | Cable 0.3 m without plug | |
| Number of products on MCB of 16 A type B 6 | | |
| | | |

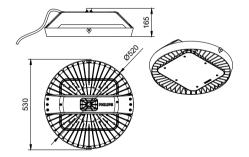
Datasheet, 2023, May 16 data subject to change

GreenPerform Highbay HT

| T | |
|-------------------------------|--|
| Temperature | |
| Ambient temperature range | -30 to +60 ℃ |
| | |
| Controls and Dimming | |
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit regulating |
| Control interface | - |
| Constant light output | No |
| | |
| Mechanical and Housing | |
| Housing Material | Aluminum die cast |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Tempered glass |
| Fixation material | - |
| Housing Color | Silver |
| Optical cover finish | Clear |
| Overall height | 165 mm |
| Overall diameter | 520 mm |
| | |
| Approval and Application | |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK07 [2 J reinforced] |
| Protection class IEC | Safety class I |

| Initial Performance (IEC Compliant) | | |
|---------------------------------------|----------------------------------|--|
| Luminous flux tolerance | +/-10% | |
| Initial chromaticity | (0.38.0.38)SDCM<5 | |
| Power consumption tolerance | +/-10% | |
| | | |
| Over Time Performance (IEC Compliant) | | |
| Driver failure rate at 5000 h | 0.01 % | |
| Median useful life L70B50 | 75,000 hour(s) | |
| Median useful life L80B50 | 60,000 hour(s) | |
| Median useful life L90B50 | 45,000 hour(s) | |
| | | |
| Application Conditions | | |
| Maximum dim level | 10% (depends on dimmer, ELV) | |
| Suitable for random switching | No | |
| | | |
| Product Data | | |
| Order product name | BY687P LED250/NW PSR WB G2 XT EN | |
| Full product name | BY687P LED250/NW PSR WB G2 XT EN | |
| Full product code | 911401515251 | |
| Order code | 911401515251 | |
| Material Nr. (12NC) | 911401515251 | |
| Numerator - Quantity Per Pack | 1 | |
| Numerator - Packs per outer box | 1 | |
| | | |

Dimensional drawing





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