



Greenperform Highbay G2

BY688P LED 140/CW PSR S-HRO

LED module 15600 lm, Cool white, Power supply unit regulating, High-rack optic

GreenPerform LED Highbay luminaire is designed to replace traditional up to 400W HID Highbays. This advanced lighting system can deliver up to 77% energy savings. The system delivers simple, point to point replacement of up to 400W HID Highbays with three easy installation methods. The unique flat design means you have the flexibility to install by hook, pendant or bracket. GreenPerform LED Highbay will also reduce downtime. In the event of a power failure they turn on instantly, compared to the slower warm up of traditional HID lamps. They provide exceptionally high-performance in a range of applications. There are three beam shapes to choose from and the high-rack optics are engineered to illuminate vertical planes with exceptionally high accuracy

Product data

| General Information | |
|--------------------------|-----------------------------------|
| Lamp family code | LED156 [LED module 15600 lm] |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Gear | - |
| Driver included | Yes |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | - |
| CE mark | - |
| ENEC mark | - |

| Light Technical | |
|------------------------------------|-----------------|
| Correlated Color Temperature (Nom) | 6500 K |
| Color rendering index (CRI) | 85 |
| Light source color | Cool white |
| Optic type | High-rack optic |
| Optical cover type | Tempered glass |
| Luminaire light beam spread | 100° |

| Operating and Electrical | |
|--------------------------|-------------|
| Line Frequency | 50 to 60 Hz |
| Power Consumption | 130 W |

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|---------------------------------|--|
| Power Factor (Fraction) | 0.95 |
| Connection | - |
| Cable | Cable 3.0 m without plug |
| Temperature | |
| Ambient temperature range | -25 to +45 °C |
| Controls and Dimming | |
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit regulating |
| Constant light output | Yes |
| Mechanical and Housing | |
| Housing Material | Metal |
| Optic material | Polycarbonate |
| 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 | +/-7.5% |
| Initial chromaticity | - |
| Power consumption tolerance | +/-10% |
| Application Conditions | |
| Maximum dim level | 1% (depends on dimmer, ELV) |
| Product Data | |
| Order product name | BY688P LED 140/CW PSR S-HRO |
| Full product name | BY688P LED 140/CW PSR S-HRO |
| Full product code | 911401573611 |
| Order code | 911401573611 |
| Material Nr. (12NC) | 911401573611 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |

Dimensional drawing

