



# Greenperform Highbay G2

## BY689P LED90/NW PSU S-HRO

LED module 9600 lm, Neutral white, Power supply unit (On/Off), High-rack optic

GreenPerform LED Highbay luminaire isbdesigned 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         | LED96 [LED module 9600 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) | 4000 K          |
| Color rendering index (CRI)        | 85              |
| Light source color                 | Neutral 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                  | 80 W            |
|                                    |                 |

Datasheet, 2023, September 4 data subject to change

# **Greenperform Highbay G2**

| Power Factor (Fraction)  Connection  Cable  Cable 3.0 m without plug  Temperature  Ambient temperature range  -25 to +45 °C  Controls and Dimming  Dimmable  No  Driver/power unit/transformer  Power supply unit (On/Off)  Constant light output  Yes  Mechanical and Housing  Housing Material  Metal  Optic material  Polycarbonate |                                       |
|--|---------------------------------------|
| Cable Cable 3.0 m without plug  Temperature  Ambient temperature range -25 to +45 °C  Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off)  Constant light output Yes  Mechanical and Housing Housing Material Metal  |                                       |
| Temperature Ambient temperature range -25 to +45 °C  Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off)  Constant light output Yes  Mechanical and Housing Housing Material Metal   |                                       |
| Ambient temperature range -25 to +45 °C  Controls and Dimming  Dimmable No  Driver/power unit/transformer Power supply unit (On/Off)  Constant light output Yes  Mechanical and Housing  Housing Material Metal  | AF 9C                                 |
| Ambient temperature range -25 to +45 °C  Controls and Dimming  Dimmable No  Driver/power unit/transformer Power supply unit (On/Off)  Constant light output Yes  Mechanical and Housing  Housing Material Metal  | .45.95                                |
| Controls and Dimming  Dimmable No  Driver/power unit/transformer Power supply unit (On/Off)  Constant light output Yes  Mechanical and Housing  Housing Material Metal   | 4F %C                                 |
| Dimmable No Driver/power unit/transformer Power supply unit (On/Off)  Constant light output Yes  Mechanical and Housing Housing Material Metal   | F45 C                                 |
| Dimmable No Driver/power unit/transformer Power supply unit (On/Off)  Constant light output Yes  Mechanical and Housing Housing Material Metal   |                                       |
| Driver/power unit/transformer Power supply unit (On/Off)  Constant light output Yes  Mechanical and Housing  Housing Material Metal  |                                       |
| Constant light output  Yes  Mechanical and Housing  Housing Material  Metal  |                                       |
| Mechanical and Housing Housing Material Metal  | supply unit (On/Off)                  |
| Housing Material Metal   |                                       |
| Housing Material Metal   |                                       |
|  |                                       |
| Optic material Polycarbonate   |                                       |
|  | rbonate                               |
|  |                                       |
| Approval and Application   |                                       |
| Ingress protection code IP65 [Dust penetration-protected, jet-proof]   |                                       |
| Mech. impact protection code IK07 [2 J reinforced]   | ust penetration-protected, jet-proof] |
|  |                                       |
|  | ſD                                    |

| Initial Performance (IEC Compliant) |                           |
|-------------------------------------|---------------------------|
| Luminous flux tolerance             | +/-7.5%                   |
| Initial chromaticity                | -                         |
| Power consumption tolerance         | +/-10%                    |
|                                     |                           |
| <b>Application Conditions</b>       |                           |
| Maximum dim level                   | Not applicable            |
|                                     |                           |
| Product Data                        |                           |
| Order product name                  | BY689P LED90/NW PSU S-HRO |
| Full product name                   | BY689P LED90/NW PSU S-HRO |
| Full product code                   | 911401573411              |
| Order code                          | 911401573411              |
| Material Nr. (12NC)                 | 911401573411              |
| Numerator - Quantity Per Pack       | 1                         |
| Numerator - Packs per outer box     | 1                         |
|                                     |                           |

### Dimensional drawing













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