



# Greenperform Highbay G2

## BY689P LED100 L3000/NW PSU S-WB

LED module 11000 lm, Neutral white, Power supply unit (On/Off), Wide beam

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      |                              | Glow-wire test                     |                |
|--------------------------|------------------------------|------------------------------------|----------------|
| Lamp family code         | LED110 [LED module 11000 lm] | Temperature 650 °C, duration 30 s  |                |
| Light source replaceable | No                           | Light Technical                    |                |
| Number of gear units     | 1 unit                       | Luminous Flux                      | 14,000 lm      |
| Gear                     | -                            | Correlated Color Temperature (Nom) | 4000 K         |
| Driver included          | Yes                          | Luminous Efficacy (rated) (Nom)    | 100 lm/W       |
| Light source engine type | LED                          | Color rendering index (CRI)        | 85             |
| CE mark                  | -                            | Light source color                 | Neutral white  |
| Flammability mark        | -                            | Optic type                         | Wide beam      |
| ENEC mark                | -                            | Optical cover type                 | Tempered glass |

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|                             |      |
|-----------------------------|------|
| Luminaire light beam spread | 100° |
|-----------------------------|------|

### Operating and Electrical

|  |                          |
|--|--------------------------|
| Input Voltage                            | 220 to 240 V             |
| Line Frequency                           | 50 to 60 Hz              |
| Power Consumption                        | 90 W                     |
| Power Factor (Fraction)                  | 0.95                     |
| Connection                               | -                        |
| Cable                                    | Cable 3.0 m without plug |
| Number of products on MCB of 16 A type B | 8                        |

### Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -25 to +45 °C |
|---------------------------|---------------|

### Controls and Dimming

|                               |                            |
|-------------------------------|----------------------------|
| Dimmable                      | No                         |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface             | -                          |
| Constant light output         | Yes                        |

### Mechanical and Housing

|                        |                |
|------------------------|----------------|
| Housing Material       | Metal          |
| Optic material         | Polycarbonate  |
| Optical cover material | Tempered glass |
| Housing Color          | Silver         |

|                      |       |
|----------------------|-------|
| Optical cover finish | Clear |
|----------------------|-------|

### 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 | Not applicable |
|-------------------|----------------|

### Product Data

|                                 |                                 |
|---------------------------------|---------------------------------|
| Order product name              | BY689P LED100 L3000/NW PSU S-WB |
| Full product name               | BY689P LED100 L3000/NW PSU S-WB |
| Full product code               | 911401568011                    |
| Order code                      | 911401568011                    |
| Material Nr. (12NC)             | 911401568011                    |
| Numerator - Quantity Per Pack   | 1                               |
| Numerator - Packs per outer box | 1                               |

## Dimensional drawing

