



# Green Perform Highbay Elite

## BY718P LED150/NW PSU WB CAU

Power supply unit - Symmetrical - Lens - 90°

GreenPerform Highbay Elite is the latest innovation in a successful range of highbay luminaires for high ceiling and industrial applications. The unique finless design has received the iF Design Award 2019 and Reddot Design Award 2019 for its aesthetic appeal. But this versatile luminaire offers a wealth of practical features too, including great light quality, high energy savings, a long lifetime at an affordable price and a wide variety of optics and lumen packages. The Green Perform Highbay Elite luminaire provides options for advanced connectivity with IoT-based systems and software applications including the Interact Pro system. If you're looking for a 'fit and forget' robust and reliable solution with connectivity advantages, Green Perform Highbay Elite is the smart choice.

### Product data

| General Information                     |  |
|---|--|
| Lamp colour code                        | 840 neutral white                                |
| Light source replaceable                | No   |
| Number of gear units                    | 1 unit   |
| Driver/power unit/transformer           | PSU [ Power supply unit]                         |
| Driver included                         | Yes  |
| Optic type                              | Symmetrical                                      |
| Optical cover/lens type                 | Lens   |
| Luminaire light beam spread             | 90°  |
| Control interface                       | -  |
| Cable                                   | Cable 3.0 m with plug                            |
| Protection class IEC                    | Safety class I (I)                               |
| Glow-wire test                          | 650/30 [ Temperature 650 °C, duration 30 s]      |
| Flammability mark                       | F [ For mounting on normally flammable surfaces] |
| CE mark                                 | CE mark  |
| ENEC mark                               | -  |
| Warranty period                         | 3 years  |
| Constant light output                   | No   |
| Number of products on MCB (16 A type B) | 6  |
| EU RoHS compliant                       | Yes  |
| Light source engine type                | LED  |

# Green Perform Highbay Elite

## Operating and Electrical

|                     |              |
|---------------------|--------------|
| Input Voltage       | 220 to 240 V |
| Input frequency     | 50 or 60 Hz  |
| Inrush current      | 54 A         |
| Inrush time         | 0.65 ms      |
| Power factor (min.) | 0.95         |

## Controls and Dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

## Mechanical and Housing

|                             |                   |
|-----------------------------|-------------------|
| Housing material            | Aluminum die-cast |
| Reflector material          | -                 |
| Optic material              | Polycarbonate     |
| Optical cover/lens material | Polycarbonate     |
| Optical cover/lens finish   | Frosted           |
| Overall height              | 95 mm             |
| Overall diameter            | 415 mm            |
| Colour                      | Grey              |

## Approval and Application

|                              |   |
|------------------------------|---|
| Ingress protection code      | IP65 [ Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [ 5 J vandal-protected]                  |

## Initial Performance (IEC Compliant)

|                                     |          |
|-------------------------------------|----------|
| Initial luminous flux (system flux) | 15000 lm |
|-------------------------------------|----------|

|                                |          |
|--------------------------------|----------|
| Luminous flux tolerance        | +/-10%   |
| Initial LED luminaire efficacy | 145 lm/W |
| Lamp colour temperature        | 4000 K   |
| Colour Rendering Index         | >80      |
| Initial input power            | 102 W    |
| Power consumption tolerance    | +/-10%   |

## Over Time Performance (IEC Compliant)

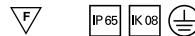
|                           |         |
|---------------------------|---------|
| Median useful life L70B50 | 75000 h |
|---------------------------|---------|

## Application Conditions

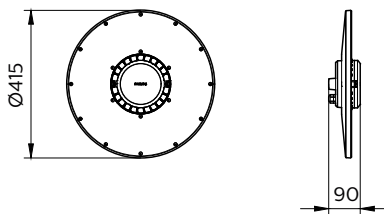
|                               |                |
|-------------------------------|----------------|
| Ambient temperature range     | -30 to +50 °C  |
| Maximum dimming level         | Not applicable |
| Suitable for random switching | No             |

## Product Data

|                                   |                             |
|-----------------------------------|-----------------------------|
| Full product code                 | 911401578051                |
| Order product name                | BY718P LED150/NW PSU WB CAU |
| Order code                        | 911401578051                |
| SAP numerator – quantity per pack | 1                           |
| Numerator – packs per outer box   | 1                           |
| SAP material                      | 911401578051                |
| SAP net weight (piece)            | 4.300 kg                    |



## Dimensional drawing



BY718P LED150/NW PSU WB CAU

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