



Green Perform Highbay Elite

BY718P LED100/NW PSU WB

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 | Glow-wire test | 650/30 [Temperature 650 °C, duration 30 s] |
| Light source replaceable | No | Flammability mark | F [For mounting on normally flammable surfaces] |
| Number of gear units | 1 unit | CE mark | CE mark |
| Driver/power unit/transformer | PSU [Power supply unit] | ENEC mark | - |
| Driver included | Yes | Warranty period | 3 years |
| Optic type | Symmetrical | Constant light output | No |
| Optical cover/lens type | Lens | Number of products on MCB (16 A type B) | 6 |
| Luminaire light beam spread | 90° | EU RoHS compliant | Yes |
| Control interface | - | Light source engine type | LED |
| Cable | Cable 0.3 m without plug | | |
| Protection class IEC | Safety class I (I) | | |

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 | 385 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) | 11000 lm |
|-------------------------------------|----------|

| | |
|--------------------------------|----------|
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 156 lm/W |
| Lamp colour temperature | 4000 K |
| Colour Rendering Index | >80 |
| Initial input power | 68 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

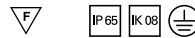
| | |
|---------------------------|---------|
| Median useful life L70B50 | 75000 h |
|---------------------------|---------|

Application Conditions

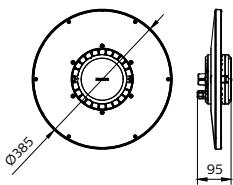
| | |
|-------------------------------|----------------|
| Ambient temperature range | -30 to +50 °C |
| Maximum dimming level | Not applicable |
| Suitable for random switching | No |

Product Data

| | |
|-----------------------------------|-------------------------|
| Full product code | 911401569151 |
| Order product name | BY718P LED100/NW PSU WB |
| Order code | 911401569151 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 1 |
| SAP material | 911401569151 |
| SAP net weight (piece) | 3.300 kg |



Dimensional drawing



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