



Green Perform Highbay Elite

BY718P LED150/NW PSU WB CAU

Power supply unit - Symmetrical - Lens - 90°

Following the success of GreenPerform Highbay families, GreenPerform Highbay Elite is a welcome addition to industry solutions, with big innovative insights embedded. Elite comes with a completely new finless aesthetics design which received the iF Design Award 2019 and Reddot Design Award 2019. Next to a unique look and feel, it also offers higher system efficiency, better light quality, longer lifetime and system-interaction offering with affordable price.

Product data

| General Information | | Operating and Electrical | |
|-------------------------------|--|---|--------------|
| Lamp colour code | 840 neutral white | ENEC mark | - |
| Light source replaceable | No | Warranty period | 3 years |
| Number of gear units | 1 unit | Constant light output | No |
| Driver/power unit/transformer | PSU [Power supply unit] | Number of products on MCB (16 A type B) | 6 |
| Driver included | Yes | EU RoHS compliant | Yes |
| Optic type | Symmetrical | Light source engine type | LED |
| Optical cover/lens type | Lens | Input Voltage | 220 to 240 V |
| Luminaire light beam spread | 90° | Input frequency | 50 or 60 Hz |
| Control interface | - | Inrush current | 54 A |
| Cable | Cable 3.0 m with plug | Inrush time | 0.65 ms |
| Protection class IEC | Safety class I (I) | Power factor (min.) | 0.95 |
| Glow-wire test | 650/30 [Temperature 650 °C, duration 30 s] | | |
| Flammability mark | F [For mounting on normally flammable surfaces] | | |
| CE mark | CE mark | | |

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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

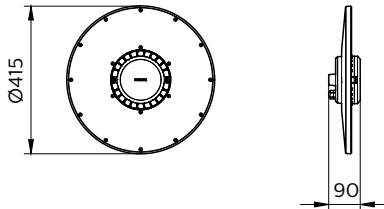
| | |
|-------------------------------|----------------|
| Ambient temperature range | -30 to +50 °C |
| Maximum dimming level | Not applicable |
| Suitable for random switching | No |

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

