PHILIPS

Lighting



# GreenPerform Highbay Elite

## BY718P LED150/CW PSU NB

GreenPerform Highbay Elite, 102 W, 16300 lm, 6500 K, 54°

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 | |
|---|---|
| **Light source replaceable** | No |
| **Number of gear units** | 1 unit |
| **Driver included** | Yes |
| **Light source engine type** | LED |
| **CE mark** | CE mark |
| **Warranty period** | 3 years |
| **Flammability mark** | For mounting on normally flammable surfaces |
| **ENEC mark** | - |
| **Glow-wire test** | Temperature 650 °C, duration 30 s |

| | |
|---|---|
| **EU RoHS compliant** | Yes |

| Light Technical | |
|---|---|
| **Luminous Flux** | 16,300 lm |
| **Correlated Color Temperature (Nom)** | 6500 K |
| **Luminous Efficacy (rated) (Nom)** | 160 lm/W |
| **Color rendering index (CRI)** | >80 |
| **Light source color** | 865 cool daylight |
| **Optic type** | Symmetrical |
| **Optical cover type** | Lens |
| **Luminaire light beam spread** | 54° |

# GreenPerform Highbay Elite

| Operating and Electrical | |
|---|---|
| **Input Voltage** | 220 to 240 V |
| **Line Frequency** | 50 or 60 Hz |
| **Inrush current** | 54 A |
| **Inrush time** | 0.65 ms |
| **Power Consumption** | 102 W |
| **Power Factor (Fraction)** | 0.95 |
| **Cable** | Cable 0.3 m without plug |
| **Number of products on MCB of 16 A type B** | 6 |

| Temperature | |
|---|---|
| **Ambient temperature range** | -30 to +50 °C |

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

| Mechanical and Housing | |
|---|---|
| **Housing Material** | Aluminum die cast |
| **Reflector material** | - |
| **Optic material** | Polycarbonate |
| **Optical cover material** | Polycarbonate |
| **Housing Color** | Gray |
| **Optical cover finish** | Frosted |
| **Overall height** | 95 mm |
| **Overall diameter** | 415 mm |

| Approval and Application | |
|---|---|
| **Ingress protection code** | IP65 [Dust penetration-protected, jet-proof] |
| **Mech. impact protection code** | IK08 [5 J vandal-protected] |
| **Protection class IEC** | Safety class I |

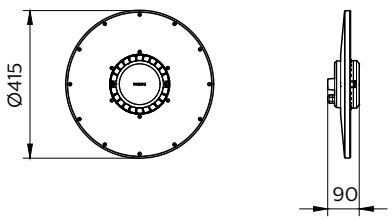
| Initial Performance (IEC Compliant) | |
|---|---|
| **Luminous flux tolerance** | +/-10% |
| **Power consumption tolerance** | +/-10% |

| Over Time Performance (IEC Compliant) | |
|---|---|
| **Median useful life L70B50** | 75,000 hour(s) |

| Application Conditions | |
|---|---|
| **Maximum dim level** | Not applicable |
| **Suitable for random switching** | No |

| Product Data | |
|---|---|
| **Order product name** | BY718P LED150/CW PSU NB |
| **Full product name** | BY718P LED150/CW PSU NB |
| **Full product code** | 911401576451 |
| **Order code** | 911401576451 |
| **Material Nr. (12NC)** | 911401576451 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 1 |

## Dimensional drawing






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