



# Green Perform Highbay Elite

**BY718X LED100/NW IAI WB IP65**

-- Symmetrical --- 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.

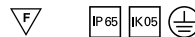
## Product data

| General Information           |                    |   |  |
|-------------------------------|--------------------|---|--|
| Beam angle of light source    | 120 °              | Cable                                   | Cable 0.3 m without plug                         |
| Light source colour           | 840 neutral white  | Protection class IEC                    | Safety class I (I)                               |
| Light source replaceable      | No                 | Glow-wire test                          | 650/30 [ Temperature 650 °C, duration 30 s]      |
| Number of gear units          | 1 unit             | Flammability mark                       | F [ For mounting on normally flammable surfaces] |
| Driver/power unit/transformer | No [-]             | CE mark                                 | CE mark  |
| Driver included               | Yes                | ENEC mark                               | -  |
| Optic type                    | Symmetrical        | Warranty period                         | 3 years  |
| Optical cover/lens type       | No [-]             | Constant light output                   | No   |
| Luminaire light beam spread   | 90°                | Number of products on MCB (16 A type B) | 6  |
| Control interface             | -                  | EU RoHS compliant                       | Yes  |
| Connection                    | Flying leads/wires |   |  |

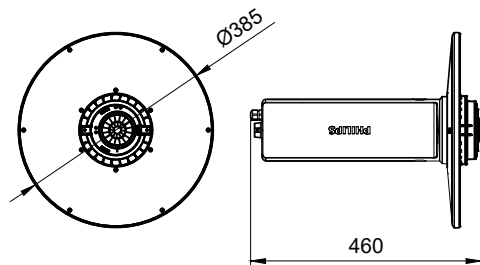
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|                                 |   |
|---------------------------------|---|
| Light source engine type        | LED   |
| <b>Operating and Electrical</b> |   |
| Input Voltage                   | 220 to 240 V                                  |
| Input frequency                 | 50 or 60 Hz                                   |
| Initial CLO power consumption   | 73 W  |
| Average CLO power consumption   | 73 W  |
| Inrush current                  | 65 A  |
| Inrush time                     | 0.33 ms                                       |
| Power factor (min.)             | 0.95  |
| <b>Controls and Dimming</b>     |   |
| Dimmable                        | No  |
| <b>Mechanical and Housing</b>   |   |
| Housing material                | Aluminum                                      |
| Reflector material              | -   |
| Optic material                  | Polycarbonate                                 |
| Optical cover/lens material     | Polycarbonate                                 |
| Fixation material               | Steel   |
| Optical cover/lens finish       | Frosted                                       |
| Overall height                  | 460 mm  |
| Overall diameter                | 385 mm  |
| Colour                          | Black and gray                                |
| <b>Approval and Application</b> |   |
| Ingress protection code         | IP65 [ Dust penetration-protected, jet-proof] |
| Mech. impact protection code    | IK05 [ 0.7 J]                                 |

|  |                              |
|--|------------------------------|
| <b>Initial Performance (IEC Compliant)</b>   |                              |
| Initial luminous flux (system flux)          | 11000 lm                     |
| Luminous flux tolerance                      | +/-10%                       |
| Initial LED luminaire efficacy               | 145 lm/W                     |
| Init. Corr. Colour Temperature               | 4000 K                       |
| Init. Colour rendering index                 | >80                          |
| Initial chromaticity                         | -                            |
| Initial input power                          | 73 W                         |
| Power consumption tolerance                  | +/-10%                       |
| <b>Over Time Performance (IEC Compliant)</b> |                              |
| Median useful life L70B50                    | 75000 h                      |
| <b>Application Conditions</b>                |                              |
| Ambient temperature range                    | -30 to +50 °C                |
| Maximum dimming level                        | 10%                          |
| Suitable for random switching                | No                           |
| <b>Product Data</b>                          |                              |
| Full product code                            | 911401576661                 |
| Order product name                           | BY718X LED100/NW IAI WB IP65 |
| Order code                                   | 01576661                     |
| SAP numerator – quantity per pack            | 1                            |
| Numerator – packs per outer box              | 1                            |
| SAP material                                 | 911401576661                 |
| SAP net weight (piece)                       | 6.000 kg                     |



## Dimensional drawing



BY718P GreenPerform Highbay Elite

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