



GreenUp Line Highbay

BY450P LED122/NW PSU FR EN

GreenUp Line Highbay, 115 W, 12200 lm, 4000 K, 110°

The GreenUp Line Highbay is a simple LED solution which efficiently illuminates work areas, creating a brighter and better warehouse, retail or manufacture environment. With its three optical design and energy efficiency, this easy-to-install and low-maintenance lighting solution is suitable for a variety of applications.

Warnings and Safety

- The product is IPXO & as such is not protected against water ingress & as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

Product data

| General Information | | Correlated Color Temperature (Nom) | 4000 K |
|--------------------------|------------------------------------|------------------------------------|-------------------|
| Light source replaceable | No | Luminous Efficacy (rated) (Nom) | 106 lm/W |
| Number of gear units | 1 unit | Color rendering index (CRI) | >80 |
| Driver included | Yes | Beam angle of light source | - degree(s) |
| Light source engine type | LED | Light source color | 840 neutral white |
| CE mark | CE mark | Optic type | Wide beam |
| Warranty period | 3 years | Optical cover type | Opal |
| Flammability mark | For mounting on normally flammable | Luminaire light beam spread | 110° |
| | surfaces | | |
| NEC mark | - | Operating and Electrical | |
| Glow-wire test | Temperature 650 °C, duration 5 s | Input Voltage | 220 to 240 V |
| EU RoHS compliant | No | Line Frequency | 50 to 60 Hz |
| | | Inrush current | 46 A |
| ight Technical | | Inrush time | 440 ms |
| Luminous Flux | 12,200 lm | Power Consumption | 115 W |

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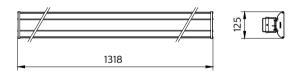
| Power Factor (Fraction) | 0.95 | Protection class IEC |
|-----------------------------------|----------------------------|------------------------------------|
| Connection | Flying leads/wires | |
| Cable | Cable 1.5 m without plug | Initial Performance (IEC Compliant |
| Number of products on MCB of 16 A | type B 11 | Luminous flux tolerance |
| | | Initial chromaticity |
| emperature | | Power consumption tolerance |
| Ambient temperature range | -20 to +45 °C | |
| | | Over Time Performance (IEC Comp |
| Controls and Dimming | | Driver failure rate at 5000 h |
| Dimmable | No | Median useful life L70B50 |
| Driver/power unit/transformer | Power supply unit (On/Off) | Median useful life L80B50 |
| Control interface | _ | Median useful life L90B50 |
| Constant light output | No | |
| | | Application Conditions |
| Nechanical and Housing | | Maximum dim level |
| Iousing Material | Aluminum extruded | Suitable for random switching |
| eflector material | - | |
| Optic material | Polycarbonate | Product Data |
| Optical cover material | Polycarbonate | Order product name |
| ixation material | - | Full product name |
| lousing Color | Aluminum and white | Full product code |
| Optical cover finish | Clear | Order code |
| Overall length | 1,318 mm | Material Nr. (12NC) |
| Overall width | 125 mm | Numerator - Quantity Per Pack |
| | | Numerator - Packs per outer box |
| Approval and Application | | |
| Ingress protection code | IP20 [Finger-protected] | |
| | | |

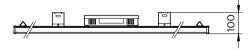
| Initial Performance (IEC Compliant) | | | | |
|---------------------------------------|----------------------------|--|--|--|
| Luminous flux tolerance | +/-10% | | | |
| Initial chromaticity | (0.38.0.38)SDCM<5 | | | |
| Power consumption tolerance | +/-10% | | | |
| | | | | |
| Over Time Performance (IEC Compliant) | | | | |
| Driver failure rate at 5000 h | 0.01 % | | | |
| Median useful life L70B50 | 50,000 hour(s) | | | |
| Median useful life L80B50 | 40,000 hour(s) | | | |
| Median useful life L90B50 | 30,000 hour(s) | | | |
| | | | | |
| Application Conditions | | | | |
| Maximum dim level | Not applicable | | | |
| Suitable for random switching | No | | | |
| | | | | |
| Product Data | | | | |
| Order product name | BY450P LED122/NW PSU FR EN | | | |
| Full product name | BY450P LED122/NW PSU FR EN | | | |
| Full product code | 911401531451 | | | |
| Order code | 911401531451 | | | |
| Material Nr. (12NC) | 911401531451 | | | |
| Numerator - Quantity Per Pack | 1 | | | |
| Numerator - Packs per outer box | 2 | | | |
| | | | | |

Safety class I

| ingress protection code | IF20 [Filigei-protected] |
|------------------------------|--------------------------|
| Mech. impact protection code | IK03 [0.3 J] |
| | |

Dimensional drawing





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