



DuraLED Highbay

BY326P P LED120S CW PSU HE GR SY110 FG S

Philips DuraLED Highbay is a functional lighting by combining cost-efficiency with clean design. Following the success of Maxolid family, DuraLED Highbay comes as a big surprise gift for industrial Highbay lighting solution with desirable proposition that offers customers all the benefits of LED lighting – fresh light quality, longer service lifetime, reduced energy consumption and less maintenance – from a trusted manufacturer. At the same time, it delivers clear benefits for the installer too. The luminaire can be installed on the existing grid. Electrical connection is straightforward: there is no need to open the luminaire for installation. DuraLED Highbay is a perfect LED replacement for HPI 250/400W luminaires, allowing you to bright up your warehouses, assembly lines, supermarkets, and sports recreational spaces in a smarter way. This highbay improves the total cost of ownership and provides optionally DALI dimming for even further savings.

Warnings and Safety

- Meant for use in Indoor Industrial environment only

Product data

| General Information | | Material | |
|-----------------------------|--------------------------------------------------|---------------------------------|--------------|
| Beam angle of light source | 55° | | Aluminum |
| Light source color | 757 cool white | Light source engine type | LED |
| Driver included | Yes | Operating and Electrical | |
| Optic type | 110 [Beam angle 110°] | Input Voltage | 120 to 277 V |
| Optical cover/lens type | GT [Tempered glass] | Input Frequency | 50 Hz |
| Luminaire light beam spread | 110° | Power Factor (Min) | 0.95 |
| Control interface | - | Controls and Dimming | |
| Protection class IEC | Safety class I (I) | Dimmable | No |
| Flammability mark | F [For mounting on normally flammable surfaces] | | |
| Warranty period | 2 years | | |

DuraLED Highway

Mechanical and Housing

| | |
|-----------------------------|-------------------|
| Housing Material | Aluminum die-cast |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Mounting device | Eye-Bolt |
| Optical cover/lens shape | Wide |
| Color | Gray |

Approval and Application

| | |
|----------------------------------------|----------------------------------------------|
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Surge Protection (Common/Differential) | Surge protection level until 10 kV |

Initial Performance (IEC Compliant)

| | |
|-------------------------------------|----------|
| Initial luminous flux (system flux) | 12000 lm |
| Initial LED luminaire efficacy | 110 lm/W |
| Init. Corr. Color Temperature | 5700 K |
| Init. Color Rendering Index | >70 |
| Initial chromaticity | <5 |

| | |
|-----------------------------|--------|
| Initial input power | 105 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

| | |
|---------------------------|---------|
| Median useful life L70B50 | 50000 h |
|---------------------------|---------|

Application Conditions

| | |
|---------------------------|-------------|
| Ambient temperature range | 0 to +45 °C |
|---------------------------|-------------|

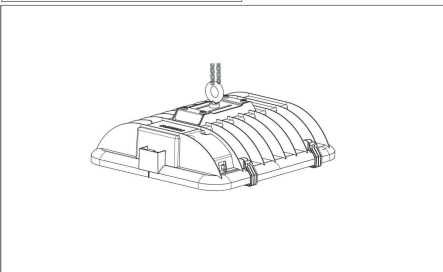
Product Data

| | |
|---------------------------------|------------------------------------------|
| Order product name | BY326P P LED120S CW PSU HE GR SY110 FG S |
| Order code | 919615811072 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 919615811072 |
| Net Weight (Piece) | 6.800 kg |



Dimensional drawing

Product: DuraLED Highway
Type: BY326P
Application: Indoor Industrial Application



Indoor Luminaires

