



CoreLine Value Highbay

BY102P LED260S/840 PSU WB

CoreLine Value Highbay, 187 W, 25500 lm, 4000 K, Wide beam, IP65, IK06

CoreLine Value High-bay is the right choice for projects where essential specification and ease of installation are key. It comes with a trusted, high light quality, good service lifetime, energy savings and less maintenance. CoreLine Value High-bay delivers clear benefits for the installer too. The luminaire can be installed on the existing grid, and electrical connection is straightforward – there is no need to open the luminaire for installation and the external IP65 connector makes things easy to handle. A selection of optional accessories are available, including reflectors and a bracket to further increase installation flexibility.

Product data

| General Information | | Luminous Efficacy (rated) (Nom) | |
|------------------------------------|-------------|---------------------------------|-------------------|
| Light source replaceable | No | | 136 lm/W |
| Number of gear units | 1 unit | Color rendering index (CRI) | >80 |
| Driver included | Yes | Light source color | 840 neutral white |
| Lighting Technology | LED | Optic type | Wide beam |
| Value ladder | Performance | Luminaire light beam spread | 90° |
| Warranty period | 5 years | Unified glare rating CEN | 29 |
| Sustainability rating | - | Operating and Electrical | |
| | | Input Voltage | 220 to 240 V |
| | | Line Frequency | 50 or 60 Hz |
| | | Inrush current | 54 A |
| | | Inrush time | 0.75 ms |
| | | Power Consumption | 187 W |
| Light Technical | | | |
| Luminous Flux | 25,500 lm | | |
| Saturated Red (R9) | <50 | | |
| Correlated Color Temperature (Nom) | 4000 K | | |

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| | |
|--|-----------------------------------|
| Power Factor (Fraction) | 0.95 |
| Connection | Connection unit 3-pole |
| Cable | Cable 0.3 m with connector 3-pole |
| Number of products on MCB of 16 A type B | 6 |
| Suitable for random switching | No |
| Protection class IEC | Safety class I |
| Total harmonic distortion | 15 % |

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 | Aluminium die-cast ADC1 - alloy grade (EN AC-47100) |
| Reflector material | Polycarbonate |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | Steel |
| Housing Color | Gray |
| Optical cover finish | Matte |
| Overall height | 99 mm |
| Overall diameter | 358 mm |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK06 [1 J] |
| Net Weight (Piece) | 3.000 kg |

Approval and Application

| | |
|-------------------|-----------------------------------|
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | - |

| | |
|------------------------------------|---------------|
| CE mark | Yes |
| ENEC mark | - |
| Photobiological risk specification | 0.4 m |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 35 °C |
| Ambient temperature range | -20 to +45 °C |

Initial Performance (IEC Compliant)

| | |
|--|-----------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.385, 0.380) SDCM<5 |
| Power consumption tolerance | +/-10% |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤5 |

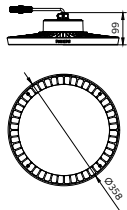
Over Time Performance (IEC Compliant)

| | |
|---|-----|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h | L70 |

Product Data

| | |
|---------------------------------|---------------------------|
| Order product name | BY102P LED260S/840 PSU WB |
| Full product name | BY102P LED260S/840 PSU WB |
| Full product code | 871951452922900 |
| Order code | 911401646307 |
| Material Nr. (12NC) | 911401646307 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514529229 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8719514529229 |

Dimensional drawing



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