



Ledinaire High-bay

BY021P G2 LED205S/840 PSU WB GR

Ledinaire High-bay, D355 mm, 20500 lumen, 4000 K, Wide beam, IP65, IK06

The Ledinaire highbay range contains a selection of off-the-shelf highbay LED luminaires that comes with the high Philips quality levels at a competitive price. Reliable, energy efficient and affordable. Ledinaire highbay enables, simple and flexible installation, either on a hook, or optional bracket. Products can be installed with optional reflectors for lower glare.

Product data

| General Information | | Operating and Electrical | |
|------------------------------------|-------------------|--|-----------------------------------|
| Light source replaceable | Yes | Input Voltage | 220 to 240 V |
| Number of gear units | 1 unit | Line Frequency | 50 or 60 Hz |
| Driver included | Yes | Input Frequency | 50 or 60 Hz |
| Service tag | No | Initial CLO power consumption | - W W |
| Lighting Technology | LED | Inrush current | 54 A |
| Value ladder | Value | Inrush time | 0.75 ms |
| Light Technical | | Power Consumption | 168 W |
| Luminous Flux | 20,500 lumen | Power Factor (Fraction) | 0.9 |
| Correlated Color Temperature (Nom) | 4000 K | Connection | Connection unit 3-pole |
| Luminous Efficacy (rated) (Nom) | 122 lm/W | Cable | Cable 0.3 m with connector 3-pole |
| Color rendering index (CRI) | >80 | Number of products on MCB of 16 A type B | 6 |
| Light source color | 840 neutral white | Temperature | |
| Optic type | Wide beam | Ambient temperature range | -20 to +45 °C |
| Luminaire light beam spread | 90° | Controls and Dimming | |
| Unified glare rating CEN | Not applicable | Dimmable | No |

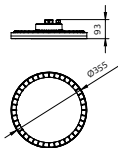
Ledinaire High-bay

| | |
|-------------------------------|---|
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Constant light output | No |
| Mechanical and Housing | |
| Housing Material | Aluminium die-cast ADC1 - alloy grade (EN AC-47100) |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material | Steel |
| Housing Color | Gray |
| Optical cover/lens finish | Matte |
| Overall height | 93 mm |
| Overall diameter | 355 mm |
| Approval and Application | |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK06 [1 J] |
| Sustainability rating | - |
| Protection class IEC | Safety class I |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | - |
| CE mark | CE mark |
| ENEC mark | - |
| Warranty period | 3 years |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |
| EU RoHS compliant | Yes |

| | |
|---|---------------------------------|
| 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) | |
| Control gear failure rate at median useful life 50000 h | 7.5 % |
| Lumen maintenance at median useful life* 50000 h | L70 |
| Application Conditions | |
| Performance ambient temperature Tq | 35 °C |
| Suitable for random switching | No |
| Product Data | |
| Full product code | 871951452404000 |
| Order product name | BY021P G2 LED205S/840 PSU WB GR |
| EAN/UPC - Product | 8719514524040 |
| Order code | 911401642307 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material number (12NC) | 911401642307 |
| Full product name | BY021P G2 LED205S/840 PSU WB GR |
| EAN/UPC - Case | 8719514524040 |



Dimensional drawing



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