



Ledinaire High-bay

BY021P G2 LED205S/840 PSU WB GR

Ledinaire High-bay - Power supply unit - Beam angle 90° - 90°

The Ledinaire range contains a selection of popular off-the-shelf LED luminaires, each of which come with the high Philips quality levels and competitive price. Reliable, energy-efficient and affordable – just what you need.

Product data

| General information | |
|--|---|
| Light source color | 840 neutral white |
| Light source replaceable | Yes |
| Number of gear units | 1 unit |
| Driver/power unit/transformer | Power supply unit |
| Driver included | Yes |
| Optic type | Beam angle 90° |
| Luminaire light beam spread | 90° |
| Connection | Connection unit 3-pole |
| Cable | Cable 0.3 m with connector 3-pole |
| 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 |
| Constant light output | No |
| Number of products on MCB of 16 A type B | 6 |
| Photobiological risk | Photobiological risk group 1 @ 200mm to EN62471 |
| EU RoHS compliant | Yes |

| Service tag | No |
|-------------------------------|---|
| Unified glare rating CEN | Not applicable |
| Operating and electrical | |
| Input Voltage | 220 to 240 V |
| Input Frequency | 50 or 60 Hz |
| Initial CLO power consumption | - W |
| Inrush current | 54 A |
| Inrush time | 0.75 ms |
| Power Factor (Min) | 0.9 |
| Controls and dimming | |
| Dimmable | No |
| Mechanical and housing | |
| Housing Material | Aluminium die-cast ADC1 - alloy grade (EN AC-47100) |
| Reflector material | Aluminum |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material | Steel |

Ledinaire High-bay

| | |
|-------------------------------------|--|
| Optical cover/lens finish | Matte |
| Overall height | 93 mm |
| Overall diameter | 355 mm |
| Color | Dark gray |
| Dimensions (Height x Width x Depth) | 93 x NaN x NaN mm (3.7 x NaN x NaN in) |

Approval and application

| | |
|------------------------------|---|
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK06 [1 J] |

Initial performance (IEC compliant)

| | |
|-------------------------------------|----------------------|
| Initial luminous flux (system flux) | 20500 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 122 lm/W |
| Init. Corr. Color Temperature | 4000 K |
| Init. Color Rendering Index | >80 |
| Initial chromaticity | (0.38, 0.38) SDCM <5 |
| Initial input power | 168 W |
| 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* | L65 |
| 50000 h | |

Application conditions

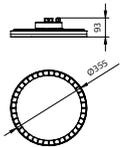
| | |
|------------------------------------|---------------|
| Ambient temperature range | -20 to +45 °C |
| Performance ambient temperature Tq | 35 °C |
| Suitable for random switching | No |

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 Nr. (12NC) | 911401642307 |
| Net Weight (Piece) | 2.450 kg |



Dimensional drawing



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