



Ledinaire High-bay

BY021P LED200S/840 PSU WB GR

Power supply unit – Wide beam – 100°

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 | |
|--|-----------------------------------|
| Beam angle of light source | 100 ° |
| Light source color | 840 neutral white |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver/power unit/transformer | Power supply unit |
| Driver included | Yes |
| Optic type | Wide beam |
| Luminaire light beam spread | 100° |
| Control interface | - |
| 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 | 12 |
| EU RoHS compliant | Yes |

| | |
|--------------------------|-----|
| Service tag | Yes |
| Unified glare rating CEN | >28 |

Operating and Electrical

| | |
|-------------------------------|--------------|
| Input Voltage | 220 to 240 V |
| Input Frequency | 50 to 60 Hz |
| Initial CLO power consumption | - W |
| Average CLO power consumption | - W |
| Inrush current | 10.8 A |
| Inrush time | 0.15 ms |
| Power Factor (Min) | 0.95 |

Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and Housing

| | |
|-----------------------------|---------------|
| Housing Material | Aluminum |
| Reflector material | Aluminum |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material | - |

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| | |
|-------------------------------------|--|
| Optical cover/lens finish | Frosted |
| Overall height | 60 mm |
| Overall diameter | 344 mm |
| Color | Dark gray |
| Dimensions (Height x Width x Depth) | 60 x NaN x NaN mm (2.4 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) | 20000 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 105 lm/W |
| Init. Corr. Color Temperature | 4000 K |
| Init. Color Rendering Index | >80 |
| Initial chromaticity | (0.38, 0.38) SDCM <5 |
| Initial input power | 190 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

| | |
|---|-------|
| Control gear failure rate at median useful life | 7.5 % |
| 50000 h | |

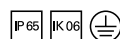
| | |
|--|-----|
| Lumen maintenance at median useful life* | L65 |
| 50000 h | |

Application Conditions

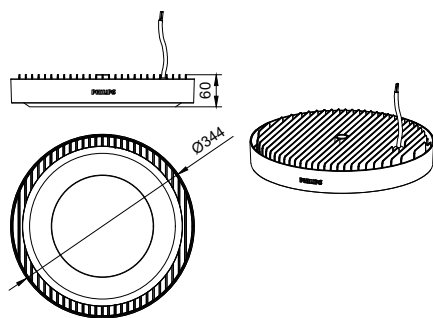
| | |
|------------------------------------|----------------|
| Ambient temperature range | -20 to +45 °C |
| Performance ambient temperature Tq | 35 °C |
| Maximum dim level | Not applicable |
| Suitable for random switching | Yes |

Product Data

| | |
|---------------------------------|------------------------------|
| Full product code | 871016333998699 |
| Order product name | BY021P LED200S/840 PSU WB GR |
| EAN/UPC - Product | 8710163339986 |
| Order code | 911401599751 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 4 |
| Material Nr. (12NC) | 911401599751 |
| Net Weight (Piece) | 3.500 kg |



Dimensional drawing



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