



GreenUp Lowbay G2

BY288P LED60/CW PSU

GreenUp Lowbay G2, 50 W, 5900 lm, 6500 K, 102°

Good lighting is essential in industrial workspaces and large indoor areas. The wrong choice of lights or a lighting not correctly planned can lead to eye strain, fatigue, and poor performance, compromising safety and productivity. The Philips Green Up Lowbay G2 luminaire is a simple LED solution which efficiently illuminates work areas, creating a brighter and better work, retail or sporting environment. With its crisp, white light and high color rendering index coupled with energy efficiency, high visibility and enhances safety 24/7. Equipped with motion detection function, this easy-to-install and low-maintenance lighting solution is suitable for a variety of applications.

Product data

| General Information | |
|--|---|
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Light source engine type | LED |
| Service tag | Yes |
| CE mark | CE mark |
| Warranty period | 3 years |
| | |
| Flammability mark | For mounting on normally flammable |
| Flammability mark | For mounting on normally flammable surfaces |
| Flammability mark Glow-wire test | |
| | surfaces |
| | surfaces |
| Glow-wire test | surfaces |
| Glow-wire test Light Technical | surfaces Temperature 650 °C, duration 5 s |
| Glow-wire test Light Technical Luminous Flux | surfaces Temperature 650 °C, duration 5 s 5,900 lm |

| Color rendering index (CRI) | >80 | |
|---|--------------------------|--|
| Light source color | Cool white | |
| Optical cover type | Opal | |
| Luminaire light beam spread | 102° | |
| | | |
| Operating and Electrical | | |
| Input Voltage | 220-400 V | |
| Line Frequency | 50 or 60 Hz | |
| Inrush current | 3.5 A | |
| Inrush time | 0.05 ms | |
| Power Consumption | 50 W | |
| Power Factor (Fraction) | 0.95 | |
| Connection | Flying leads/wires | |
| Cable | Cable 0.3 m without plug | |
| Number of products on MCB of 16 A type B 24 | | |
| | | |

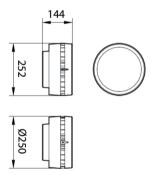
Datasheet, 2023, May 15 data subject to change

GreenUp Lowbay G2

| Temperature | |
|-------------------------------------|----------------------------|
| Ambient temperature range | -20 to +45 °C |
| | |
| 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 | Aluminum die cast |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Housing Color | Gray |
| Optical cover finish | Frosted |
| Overall height | 144 mm |
| Overall diameter | 250 mm |
| | |
| Approval and Application | |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK03 [0.3 J] |
| Protection class IEC | Safety class I |
| | |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |
| | |

| Initial chromaticity | (0.313.0.324)SDCM<5 |
|---------------------------------|---------------------|
| Power consumption tolerance | +/-10% |
| | |
| Over Time Performance (IEC Com | pliant) |
| Driver failure rate at 5000 h | 0.01 % |
| Median useful life L70B50 | 50,000 hour(s) |
| Median useful life L80B50 | 40,000 hour(s) |
| Median useful life L90B50 | 20,000 hour(s) |
| | |
| Application Conditions | |
| Suitable for random switching | No |
| | |
| Product Data | |
| Order product name | BY288P LED60/CW PSU |
| Full product name | BY288P LED60/CW PSU |
| Full product code | 911401508431 |
| Order code | 911401508431 |
| Material Nr. (12NC) | 911401508431 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Quantity Fer Fack | 1 |
| Numerator - Packs per outer box | 1 |

Dimensional drawing





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