



GreenUp Lowbay G2

BY288P LED90/NW PSR

GreenUp Lowbay G2, 75 W, 8800 lm, 4000 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 GreenUp 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 | | Color rendering index (CRI) | |
|------------------------------------|---|--|--------------------------|
| Light source replaceable | No | Light source color | Neutral white |
| Number of gear units | 1 unit | Optical cover type | Opal |
| Driver included | Yes | Luminaire light beam spread | 102° |
| Light source engine type | LED | Operating and Electrical | |
| Service tag | Yes | Input Voltage | 220-400 V |
| CE mark | CE mark | Line Frequency | 50 or 60 Hz |
| Warranty period | 3 years | Inrush current | 46 A |
| Flammability mark | For mounting on normally flammable surfaces | Inrush time | 0.44 ms |
| Glow-wire test | Temperature 650 °C, duration 5 s | Power Consumption | 75 W |
| Light Technical | | Power Factor (Fraction) | 0.95 |
| Luminous Flux | 8,800 lm | Connection | Flying leads/wires |
| Correlated Color Temperature (Nom) | 4000 K | Cable | Cable 0.3 m without plug |
| Luminous Efficacy (rated) (Nom) | 117 lm/W | Number of products on MCB of 16 A type B | 11 |

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|--|------------------------------|
| Temperature | |
| Ambient temperature range | -20 to +45 °C |
| Controls and Dimming | |
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit regulating |
| 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 | (0.38.0.38)SDCM<5 |
| Power consumption tolerance | +/-10% |
| Over Time Performance (IEC Compliant) | |
| 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 | |
| Maximum dim level | 10% |
| Suitable for random switching | No |
| Product Data | |
| Order product name | BY288P LED90/NW PSR |
| Full product name | BY288P LED90/NW PSR |
| Full product code | 911401508531 |
| Order code | 911401508531 |
| Material Nr. (12NC) | 911401508531 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |

Dimensional drawing

