



GreenUp Lowbay G2

BY288P LED90/CW PSR EN

GreenUp Lowbay G2, 75 W, 8800 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

| No |
|------------------------------------|
| 1 unit |
| Yes |
| LED |
| Yes |
| CE mark |
| 3 years |
| For mounting on normally flammable |
| surfaces |
| - |
| Temperature 650 °C, duration 5 s |
| No |
| <u> </u> |
| |
| 8,800 lm |
| |

| Correlated Color Temperature (Nom) | 6500 K |
|------------------------------------|--------------------|
| Luminous Efficacy (rated) (Nom) | 117 lm/W |
| Color rendering index (CRI) | >80 |
| Light source color | Cool white |
| Optic type | - |
| 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 | 46 A |
| Inrush time | 0.44 ms |
| Power Consumption | 75 W |
| Power Factor (Fraction) | 0.95 |
| Connection | Flying leads/wires |

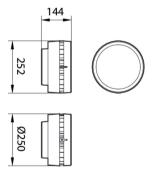
Datasheet, 2023, April 30 data subject to change

GreenUp Lowbay G2

| Cable | Cable 0.3 m without plug |
|--|------------------------------|
| Number of products on MCB of 16 A type | B 11 |
| | |
| 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 |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | - |
| Housing Color | Grey |
| 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 | IKO3 [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 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/CW PSR EN | |
| Full product name | BY288P LED90/CW PSR EN | |
| Full product code | 872016972876900 | |
| Order code | 911401842999 | |
| Material Nr. (12NC) | 911401842999 | |
| Numerator - Quantity Per Pack | 1 | |
| EAN/UPC - Product/Case | 8720169728769 | |
| Numerator - Packs per outer box | 1 | |
| EAN/UPC - Case | 8720169728769 | |
| | | |

Dimensional drawing



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