# SmartBright Highbay

## BY239P LED80/CW PSU GM G2

SmartBright Highbay, 60 W, 7800 lm, 6500 K

SmartBright Highbay is a high efficient and reliable LED luminaire. Designed as the point to point replacement for HPI 250W/400W luminaires, it offers customers all the benefits of LED lighting – reduced energy consumption, longer service time and less maintenance. In addition, with using high quality of the optical cover, it provides an excellent quality of light, which effectively improves the comfort of your environment.

### Product data

| General Information | |
|---|---|
| **Light source engine type** | LED |
| **Value ladder** | Value |

| Light Technical | |
|---|---|
| **Luminous Flux** | 7,800 lm |
| **Correlated Color Temperature (Nom)** | 6500 K |
| **Luminous Efficacy (rated) (Nom)** | 130 lm/W |
| **Color rendering index (CRI)** | >80 |
| **Light source color** | 865 cool daylight |
| **Effective projected area** | 0.06 m² |

| Operating and Electrical | |
|---|---|
| **Input Voltage** | 220 to 240 V |
| **Line Frequency** | 50 or 60 Hz |
| **Inrush current** | 40 A |
| **Power Consumption** | 60 W |
| **Power Factor (Fraction)** | 0.95 |
| **Number of products on MCB of 16 A type B** | 8 |
| **Protection class IEC** | Safety class I |

| Controls and Dimming | |
|---|---|
| **Dimmable** | No |
| **Control interface** | - |

| Mechanical and Housing | |
|---|---|
| **Housing Material** | Aluminum die cast |
| **Optical cover material** | Polycarbonate |
| **Housing Color** | Dark gray |
| **Optical cover finish** | Clear |
| **Overall height** | 93 mm |
| **Overall diameter** | 273 mm |
| **Ingress protection code** | IP65 [Dust penetration-protected, jet-proof] |
| **Mech. impact protection code** | IK06 [1 J] |
| **Optical cover type** | Lens |
| **Net Weight (Piece)** | 1.380 kg |

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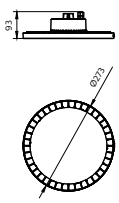
| Approval and Application | |
|---|---|
| **Insulation Coverage Rating** | Partial coverage acc. to IEC 60598-1 8.1 |
| **Flammability mark** | - |
| **CE mark** | Yes |
| **Ambient temperature range** | -20 to +45 °C |

| Initial Performance (IEC Compliant) | |
|---|---|
| **Luminous flux tolerance** | +/-10% |
| **Initial chromaticity** | (0.316, 0.332) SDCM<5 |
| **Power consumption tolerance** | +/-10% |

| Product Data | |
|---|---|
| **Order product name** | BY239P LED80/CW PSU GM G2 |

| | |
|---|---|
| **Full product name** | BY239P LED80/CW PSU GM G2 |
| **Full product code** | 871951454100900 |
| **Order code** | 911401639907 |
| **Material Nr. (12NC)** | 911401639907 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8719514541009 |
| **Numerator - Packs per outer box** | 1 |
| **EAN/UPC - Case** | 8719514541009 |

## Dimensional drawing

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