



SmartBright Highbay

BY239P LED180/CW PSU GM G2

Lens

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 color | 865 cool daylight |
| Optical cover/lens type | Lens |
| Control interface | - |
| Protection class IEC | Safety class I |
| Flammability mark | - |
| CE mark | CE mark |
| Number of products on MCB of 16 A type B | 6 |
| Light source engine type | LED |
| Operating and electrical | |
| Input Voltage | 220 to 240 V |
| Input Frequency | 50 or 60 Hz |
| Inrush current | 42 A |
| Power Factor (Min) | 0.95 |
| Controls and dimming | |
| Dimmable | No |

| Mechanical and housing | |
|-------------------------------------|---|
| Housing Material | Aluminum die cast |
| Optical cover/lens material | Polycarbonate |
| Optical cover/lens finish | Clear |
| Overall height | 93 mm |
| Overall diameter | 319 mm |
| Effective projected area | 0.06 m ² |
| Color | Dark gray |
| Approval and application | |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK06 [1 J] |
| Insulation Coverage Rating | Partial coverage acc. to IEC 60598-1 8.1 |
| Initial performance (IEC compliant) | |
| Initial luminous flux (system flux) | 18000 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 120 lm/W |

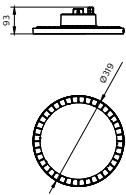
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| | |
|-------------------------------|-----------------------|
| Init. Corr. Color Temperature | 6500 K |
| Init. Color Rendering Index | >80 |
| Initial chromaticity | (0.316, 0.332) SDCM<5 |
| Initial input power | 150 W |
| Power consumption tolerance | +/-10% |
| Application conditions | |
| Ambient temperature range | -20 to +45 °C |
| Product data | |
| Full product code | 871951454104700 |

| | |
|---------------------------------|----------------------------|
| Order product name | BY239P LED180/CW PSU GM G2 |
| EAN/UPC - Product | 8719514541047 |
| Order code | 911401640307 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 911401640307 |
| Net Weight (Piece) | 1.840 kg |



Dimensional drawing



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