



Essential SmartBright LowBay

BY088P LED30/WW OL

Essential SmartBright LowBay, 30 W, 2400 lm, 3000 K, 100°

Philips Essential SmartBright LowBay is a functional lighting by combining cost-efficiency with clean design. It offers customers all the benefits of LED lighting – reduced energy consumption, longer service time and less maintenance. Flexible, safe, and reliable, Essential SmartBright LowBay is a perfect LED replacement to conventional CFL LowBay system, allowing you to bright up your supermarkets, retail shops, and sports recreational spaces the smarter way.

Product data

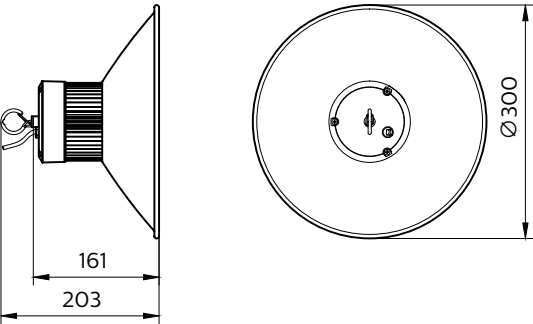
| General Information | | | |
|--------------------------|---|------------------------------------|--------------------------|
| Light source replaceable | No | Correlated Color Temperature (Nom) | 3000 K |
| Number of gear units | 1 unit | Luminous Efficacy (rated) (Nom) | 80 lm/W |
| Driver included | Yes | Color rendering index (CRI) | ≥80 |
| Light source engine type | LED | Light source color | 830 warm white |
| Service tag | Yes | Optic type | Wide beam |
| CE mark | - | Optical cover type | Polycarbonate bowl/cover |
| Warranty period | 1 years | Luminaire light beam spread | 100° |
| Flammability mark | For mounting on normally flammable surfaces | Operating and Electrical | |
| ENEC mark | - | Input Voltage | 220-240 V |
| Glow-wire test | Temperature 650 °C, duration 5 s | Line Frequency | 50 or 60 Hz |
| EU RoHS compliant | Yes | Inrush current | 24.8 A |
| Light Technical | | Inrush time | 95.78 ms |
| Luminous Flux | 2,400 lm | Power Consumption | 30 W |
| | | Power Factor (Fraction) | 0.9 |
| | | Connection | Flying leads/wires |

Essential SmartBright LowBay

| | |
|---|----------------------------|
| Cable | Cable 0.3 m without plug |
| Number of products on MCB of 16 A type B 95 | |
| Temperature | |
| Ambient temperature range | -20 to +40 °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 |
| Reflector material | Aluminum |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | - |
| Housing Color | Gray and black |
| Optical cover finish | Frosted |
| Overall height | 162 mm |
| Overall diameter | 300 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 | SDCM<5 |
| Power consumption tolerance | +/-10% |
| Over Time Performance (IEC Compliant) | |
| Median useful life L70B50 | 15,000 hour(s) |
| Application Conditions | |
| Suitable for random switching | No |
| Product Data | |
| Order product name | BY088P LED30/WW OL |
| Full product name | BY088P LED30/WW OL |
| Full product code | 692382862555900 |
| Order code | 911401668803 |
| Material Nr. (12NC) | 911401668803 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 6923828625559 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 6923828625559 |

Dimensional drawing



Essential SmartBright LowBay

