



# **SmartBright Lowbay**

## BY118P LED16/CW PSU

LED module, system flux 1700 lm, Cool white, Power supply unit (On/Off)

A perfect LED replacement to CFL Lowbay systems, allowing you to brighten up factories, supermarkets, retail shops, and sports recreational spaces the smarter way.

#### **Product data**

| General Information                |  |
|------------------------------------|--|
| Lamp family code                   | LED17S [LED module, system flux 1700 lm] |
| Light source replaceable           | No                                       |
| Number of gear units               | 1 unit                                   |
| Gear                               | -  |
| Driver included                    | Yes                                      |
| CE mark                            | CE mark                                  |
| Flammability mark                  | -  |
| ENEC mark                          | -  |
| Glow-wire test                     | Temperature 650 °C, duration 30 s        |
|                                    |  |
| Light Technical                    |  |
| Correlated Color Temperature (Nom) | 6500 K                                   |
| Color rendering index (CRI)        | 80                                       |
| Light source color                 | Cool white                               |
| Optic type                         | Wide beam                                |
| Optical cover type                 | Micro-lens optic in polycarbonate cover  |
| Luminaire light beam spread        | 90°                                      |

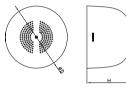
| Operating and Electrical      |                            |
|-------------------------------|----------------------------|
| Input Voltage                 | 220-240 V                  |
| Line Frequency                | 50 to 60 Hz                |
| Power Consumption             | 20 W                       |
| Power Factor (Fraction)       | 0.9                        |
| Connection                    | -                          |
|                               |                            |
| Temperature                   |                            |
| Ambient temperature range     | -20 to +40 °C              |
|                               |                            |
| Controls and Dimming          |                            |
| Dimmable                      | No                         |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Constant light output         | Yes                        |
|                               |                            |
| Mechanical and Housing        |                            |
| Housing Material              | Polycarbonate              |
| Reflector material            | Polycarbonate              |
| Optic material                | Polycarbonate              |
|                               |                            |

### SmartBright Lowbay

| Approval and Application            |                         |  |
|-------------------------------------|-------------------------|--|
| Ingress protection code             | IP20 [Finger-protected] |  |
| Mech. impact protection code        | IK02 [0.2 J standard]   |  |
| Protection class IEC                | Safety class I          |  |
|                                     |                         |  |
| Initial Performance (IEC Compliant) |                         |  |
| Luminous flux tolerance             | +/-7.5%                 |  |
| Initial chromaticity                | -                       |  |
| Power consumption tolerance         | +/-10%                  |  |
|                                     |                         |  |
| Application Conditions              |                         |  |
| Maximum dim level                   | Not applicable          |  |
|                                     |                         |  |

| Product Data                    |                     |
|---------------------------------|---------------------|
| Full product code               | 871016330778700     |
| Order product name              | BY118P LED16/CW PSU |
| Order code                      | 911401833399        |
| Numerator - Quantity Per Pack   | 1                   |
| Numerator - Packs per outer box | 1                   |
| Material Nr. (12NC)             | 911401833399        |
| Full product name               | BY118P LED16/CW PSU |
| EAN/UPC - Case                  | 8710163307787       |
| EAN/UPC - Product/Case          | 8710163307787       |
|                                 |                     |

#### Dimensional drawing







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