



# SmartBright LED Security Light

## BWS220 LED20/CW PSU 100-240V

SmartBright LED Security Light, 2000 lm, 30 W, 865 cool daylight, 120°, Safety class I, Baseplate

The SmartBright LED Security light is a PIR motion sensor activated twin head security light. With a wide detection range, brighter light output and instant-on LED technology, you can be assured your property is well lit for visibility at night.

### Product data

| General Information                |   | Operating and Electrical                 |                          |
|------------------------------------|---|--|--------------------------|
| Light source replaceable           | No  | Input Voltage                            | 100 to 240 V             |
| Number of gear units               | 1 unit                                      | Line Frequency                           | 50 or 60 Hz              |
| Driver included                    | Yes   | Inrush current                           | 5.25 A                   |
| Light source engine type           | LED   | Inrush time                              | 0.0405 ms                |
| CE mark                            | CE mark                                     | Power Consumption                        | 30 W                     |
| Flammability mark                  | For mounting on normally flammable surfaces | Power Factor (Fraction)                  | 0.9                      |
|                                    |   | Connection                               | Push-in connector 6-pole |
|                                    |   | Cable                                    | -                        |
|                                    |   | Number of products on MCB of 16 A type B | 20                       |
| Light Technical                    |   | Temperature                              |                          |
| Luminous Flux                      | 2,000 lm                                    | Ambient temperature range                | -20 to +40 °C            |
| Correlated Color Temperature (Nom) | 6500 K                                      |  |                          |
| Luminous Efficacy (rated) (Nom)    | 66.7 lm/W                                   | Controls and Dimming                     |                          |
| Color rendering index (CRI)        | >80   | Dimmable                                 | No                       |
| Light source color                 | 865 cool daylight                           | Control interface                        | -                        |
| Optical cover type                 | -   |  |                          |
| Luminaire light beam spread        | 120°  |  |                          |

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|                                     |  |
|-------------------------------------|--|
| Constant light output               | No   |
| <b>Mechanical and Housing</b>       |  |
| Housing Material                    | Metal-Plastic                                    |
| Optical cover material              | Polycarbonate                                    |
| Housing Color                       | Black  |
| Mounting device                     | Baseplate  |
| Optical cover shape                 | Curved   |
| Optical cover finish                | Frosted  |
| Overall length                      | 242 mm   |
| Overall width                       | 171 mm   |
| Overall height                      | 168 mm   |
| Dimensions (Height x Width x Depth) | 168 x 171 x 242 mm                               |
| <b>Approval and Application</b>     |  |
| Ingress protection code             | IP54 [Dust accumulation-protected, splash-proof] |
| Mech. impact protection code        | IK05 [0.7 J]                                     |
| Protection class IEC                | Safety class I                                   |

|  |                              |
|--|------------------------------|
| <b>Initial Performance (IEC Compliant)</b> |                              |
| Luminous flux tolerance                    | +/-10%                       |
| Initial chromaticity                       | SDCM<7                       |
| Power consumption tolerance                | +/-10%                       |
| <b>Application Conditions</b>              |                              |
| Maximum dim level                          | Not applicable               |
| <b>Product Data</b>                        |                              |
| Order product name                         | BWS220 LED20/CW PSU 100-240V |
| Full product name                          | BWS220 LED20/CW PSU 100-240V |
| Full product code                          | 871016331595999              |
| Order code                                 | 911401712692                 |
| Material Nr. (12NC)                        | 911401712692                 |
| Numerator - Quantity Per Pack              | 1                            |
| EAN/UPC - Product/Case                     | 8710163315959                |
| Numerator - Packs per outer box            | 8                            |
| EAN/UPC - Case                             | 8710163315973                |

## Dimensional drawing

