



# Tango Mini BVP280

## BVP280 LED42/CW 40W 220-240V SWB MP1

Tango Mini BVP280, 4400 lm, 40 W, Cool white, Symmetrical wide beam, 90°, Safety class I, Mounting bracket adjustable

Tango mini LED is a general purpose LED flood lighting luminaire for various lighting applications, such as area lighting, bill-board, façade, industry area and other general applications. The Tango mini LED flood light incorporates LED light source, optical system, heat sink and driver into one compact housing. Its specially designed heat sink incorporates aesthetics and functionality to ensure reliability and long lifetime. Tango mini LED takes advantage of LED technology which provides energy savings and a longer lifetime, bringing area lighting into a new era.

### Product data

| General Information                |                                | Luminaire light beam spread |                          |
|------------------------------------|--------------------------------|-----------------------------|--------------------------|
| Lamp family code                   | -                              | 90°                         |                          |
| Light source replaceable           | Yes                            | Optic type outdoor          |                          |
| Driver included                    | Yes                            | Symmetrical wide beam       |                          |
| Light source engine type           | LED                            | Operating and Electrical    |                          |
| Lighting Technology                | LED                            | Input Voltage               | 220 to 240 V             |
| CE mark                            | -                              | Line Frequency              | 50 or 60 Hz              |
| Warranty period                    | 3 years                        | Power Consumption           | 40 W                     |
| Light Technical                    |                                | Power Factor (Fraction)     | 0.95                     |
| Luminous Flux                      | 4,400 lm                       | Connection                  | Flying leads/wires       |
| Correlated Color Temperature (Nom) | 5700 K                         | Cable                       | Cable 0.5 m without plug |
| Luminous Efficacy (rated) (Nom)    | 110 lm/W                       | Temperature                 |                          |
| Color rendering index (CRI)        | 70                             | Ambient temperature range   | -40 to +50 °C            |
| Light source color                 | Cool white                     | Controls and Dimming        |                          |
| Optical cover type                 | Polycarbonate micro lens optic | Dimmable                    | No                       |

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|                               |                            |
|-------------------------------|----------------------------|
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface             | -                          |
| Constant light output         | No                         |

## Mechanical and Housing

|                                     |                             |
|-------------------------------------|-----------------------------|
| Housing Material                    | Aluminum die cast           |
| Optic material                      | Polycarbonate               |
| Optical cover material              | Polycarbonate               |
| Fixation material                   | Steel                       |
| Housing Color                       | Aluminum and gray           |
| Mounting device                     | Mounting bracket adjustable |
| Optical cover finish                | Frosted                     |
| Overall length                      | 253 mm                      |
| Overall width                       | 240 mm                      |
| Overall height                      | 47 mm                       |
| Effective projected area            | 0.052 m <sup>2</sup>        |
| Dimensions (Height x Width x Depth) | 47 x 240 x 253 mm           |

## Approval and Application

|                         |  |
|-------------------------|--|
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
|-------------------------|--|

|  |  |
|--|--|
| Mech. impact protection code           | IK07 [2 J reinforced]  |
| Surge Protection (Common/Differential) | Luminaire surge protection level until 10 kV differential mode and 10 kV common mode |
| Protection class IEC                   | Safety class I   |

## Initial Performance (IEC Compliant)

|                             |         |
|-----------------------------|---------|
| Luminous flux tolerance     | +/-10%  |
| Initial chromaticity        | SDCM<=7 |
| Power consumption tolerance | +/-10%  |

## Product Data

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Order product name              | BVP280 LED42/CW 40W 220-240V SWB MP1 |
| Full product name               | BVP280 LED42/CW 40W 220-240V SWB MP1 |
| Full product code               | 911401632903                         |
| Order code                      | 911401632903                         |
| Material Nr. (12NC)             | 911401632903                         |
| Numerator - Quantity Per Pack   | 1                                    |
| Numerator - Packs per outer box | 1                                    |

## Dimensional drawing

