



# Tango G3 – BVP38x

## BVP381 LED120/NW 100W 220–240V AMB GM

Tango G3 – BVP38x, 12000 lm, 100 W, Neutral white, Asymmetrical medium beam, 40° x 80°, Safety class I, Mounting bracket adjustable

The energy-saving Philips Tango G3 LED Floodlight is the ideal solution for a wide range of Area lighting applications. It incorporates the LED light source, optical system, heat sink and driver into one compact and robust housing that meets globally recognized safety standards. Its specially designed heat sink incorporates aesthetics and functionality to ensure excellent reliability. Powered by LED technology, this luminaire delivers superior performance and a longer lifetime, bringing area lighting to a whole new level.

### Product data

| General Information         |           |                                    |                                |
|-----------------------------|-----------|------------------------------------|--------------------------------|
| Lamp family code            | -         | Standard tilt angle side entry     | -                              |
| Light source replaceable    | Yes       | Correlated Color Temperature (Nom) | 4000 K                         |
| Driver included             | Yes       | Luminous Efficacy (rated) (Nom)    | 120 lm/W                       |
| Light source engine type    | LED       | Color rendering index (CRI)        | >70                            |
| Lighting Technology         | LED       | Light source color                 | Neutral white                  |
| Flammability mark           | -         | Optical cover type                 | Polycarbonate micro lens optic |
| CE mark                     | CE mark   | Luminaire light beam spread        | 40° x 80°                      |
| ENEC mark                   | -         | Optic type outdoor                 | Asymmetrical medium beam       |
| Warranty period             | 3 years   | Operating and Electrical           |                                |
| EU RoHS compliant           | No        | Input Voltage                      | 220–240 V                      |
| Light Technical             |           | Line Frequency                     | 50 or 60 Hz                    |
| Luminous Flux               | 12,000 lm | Power Consumption                  | 100 W                          |
| Standard tilt angle posttop | -         | Power Factor (Fraction)            | 0.95                           |
|                             |           | Connection                         | Flying leads/wires             |

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|                                     |                             |
|-------------------------------------|-----------------------------|
| Cable                               | Cable 1.5 m without plug    |
| <b>Temperature</b>                  |                             |
| Ambient temperature range           | -40 to +50 °C               |
| <b>Controls and Dimming</b>         |                             |
| Dimmable                            | No                          |
| Driver/power unit/transformer       | Power supply unit (On/Off)  |
| Control interface                   | -                           |
| <b>Mechanical and Housing</b>       |                             |
| Housing Material                    | Aluminum die cast           |
| Reflector material                  | -                           |
| Optic material                      | Polycarbonate               |
| Optical cover material              | Polycarbonate               |
| Fixation material                   | Steel                       |
| Housing Color                       | Aluminum and gray           |
| Mounting device                     | Mounting bracket adjustable |
| Optical cover shape                 | -                           |
| Optical cover finish                | Frosted                     |
| Overall length                      | 500 mm                      |
| Overall width                       | 84 mm                       |
| Overall height                      | 349 mm                      |
| Effective projected area            | 0.12 m²                     |
| Dimensions (Height x Width x Depth) | 349 x 84 x 500 mm           |

|  |  |
|--|--|
| <b>Approval and Application</b>            |  |
| Ingress protection code                    | IP66 [Dust penetration-protected, jet-proof]   |
| Mech. impact protection code               | IK08 [5 J vandal-protected]  |
| Surge Protection (Common/Differential)     | Luminaire surge protection level until 15 kV differential mode and 15 kV common mode |
| 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>Product Data</b>             |                                       |
| Order product name              | BVP381 LED120/NW 100W 220-240V AMB GM |
| Full product name               | BVP381 LED120/NW 100W 220-240V AMB GM |
| Full product code               | 871016332845400                       |
| Order code                      | 911401844098                          |
| Material Nr. (12NC)             | 911401844098                          |
| Numerator - Quantity Per Pack   | 1                                     |
| EAN/UPC - Product/Case          | 8710163328454                         |
| Numerator - Packs per outer box | 1                                     |
| EAN/UPC - Case                  | 8710163328454                         |

