



# Tango G2 LED

## BVP283 LED210/NW 210W 220-240V AWB

Tango G2 LED is a general purpose LED flood lighting luminaire for various lighting applications, such as area lighting, bill-board, façade, industry area, recreational sports and other general applications. The Tango G2 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 G2 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             |                          | Input Frequency               |                             |
|---------------------------------|--------------------------|-------------------------------|-----------------------------|
| Light source color              | 740 neutral white        | Input Frequency               | 50 or 60 Hz                 |
| Light source replaceable        | Yes                      | Power Factor (Min)            | 0.95                        |
| Driver/power unit/transformer   | Power supply unit        | <b>Controls and Dimming</b>   |                             |
| Driver included                 | Yes                      | Dimmable                      | No                          |
| Optical cover/lens type         | Glass                    | <b>Mechanical and Housing</b> |                             |
| Luminaire light beam spread     | 40° x 95°                | Housing Material              | Aluminum die cast           |
| Control interface               | -                        | Optic material                | Polymethyl methacrylate     |
| Connection                      | Flying leads/wires       | Optical cover/lens material   | Polycarbonate               |
| Cable                           | Cable 1.5 m without plug | Fixation material             | Steel                       |
| Protection class IEC            | Safety class I           | Mounting device               | Mounting bracket adjustable |
| CE mark                         | CE mark                  | Optical cover/lens shape      | Flat                        |
| Warranty period                 | 3 years                  | Overall length                | 480 mm                      |
| Optic type outdoor              | Asymmetrical wide beam   | Overall width                 | 655 mm                      |
| Constant light output           | No                       | Overall height                | 60 mm                       |
| Spare parts available           | Yes                      | Effective projected area      | 0.25 m <sup>2</sup>         |
| Light source engine type        | LED                      | Color                         | Aluminum and gray           |
| <b>Operating and Electrical</b> |                          |                               |                             |
| Input Voltage                   | 220-240 V                |                               |                             |

# Tango G2 LED

## 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 |

## Initial Performance (IEC Compliant)

|                                     |          |
|-------------------------------------|----------|
| Initial luminous flux (system flux) | 21000 lm |
| Luminous flux tolerance             | +/-10%   |
| Initial LED luminaire efficacy      | 100 lm/W |
| Init. Corr. Color Temperature       | 4000 K   |
| Init. Color Rendering Index         | >70      |
| Initial chromaticity                | SDCM<=7  |
| Initial input power                 | 210 W    |
| Power consumption tolerance         | +/-10%   |

## Over Time Performance (IEC Compliant)

|                           |         |
|---------------------------|---------|
| Median useful life L70B50 | 50000 h |
|---------------------------|---------|

## Application Conditions

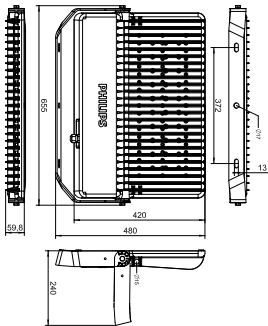
|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -40 to +45 °C |
|---------------------------|---------------|

## Product Data

|                                 |                                    |
|---------------------------------|------------------------------------|
| Full product code               | 911401671402                       |
| Order product name              | BVP283 LED210/NW 210W 220-240V AWB |
| Order code                      | 911401671402                       |
| Numerator - Quantity Per Pack   | 1                                  |
| Numerator - Packs per outer box | 1                                  |
| Material Nr. (12NC)             | 911401671402                       |
| Net Weight (Piece)              | 12.800 kg                          |



## Dimensional drawing



BVP281-BVP284 Tango LED gen2

