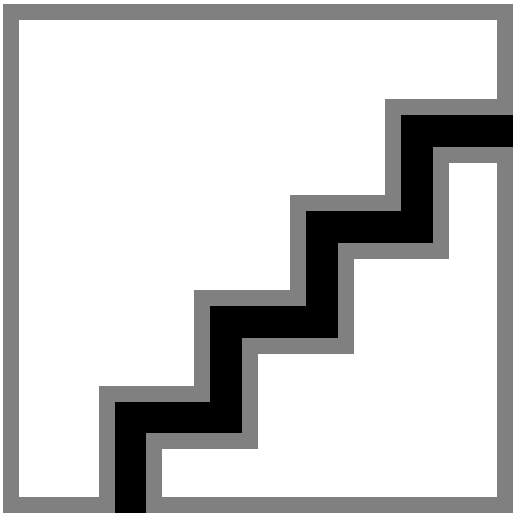


# Tango G2 LED

## BVP282 LED202/CW 160W 220-240V SWB

Tango G2 LED, 20200 lm, 160 W, Cool white, Symmetrical wide beam, 100°, Safety class I, Mounting bracket adjustable

Tango G2 LED is a general purpose LED flood lighting luminiare 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 | |
|---|---|
| **Lamp family code** | - |
| **Light source replaceable** | Yes |
| **Number of gear units** | - |
| **Driver included** | Yes |
| **Light source engine type** | LED |
| **Lighting Technology** | LED |
| **CE mark** | CE mark |
| **Warranty period** | 3 years |
| **Flammability mark** | - |
| **ENEC mark** | - |
| **EU RoHS compliant** | No |

| Light Technical | |
|---|---|
| **Luminous Flux** | 20,200 lm |
| **Standard tilt angle posttop** | - |
| **Standard tilt angle side entry** | - |
| **Correlated Color Temperature (Nom)** | 5700 K |
| **Luminous Efficacy (rated) (Nom)** | 125 lm/W |
| **Color rendering index (CRI)** | 70 |
| **Light source color** | Cool white |
| **Optical cover type** | Polycarbonate micro lens optic |
| **Luminaire light beam spread** | 100° |
| **Optic type outdoor** | Symmetrical wide beam |

| Operating and Electrical | |
|---|---|
| **Input Voltage** | 220-240 V |
| **Line Frequency** | 50 or 60 Hz |
| **Initial CLO power consumption** | - W |
| **Average CLO power consumption** | - W |
| **End CLO power consumption** | - W |
| **Power Consumption** | 160 W |

# Tango G2 LED

| | |
|---|---|
| **Power Factor (Fraction)** | 0.95 |
| **Connection** | Flying leads/wires |
| **Cable** | Cable 1.5 m without plug |
| **Number of products on MCB of 16 A type B** | - |

## Temperature

| | |
|---|---|
| **Ambient temperature range** | -40 to +50 °C |

## Controls and Dimming

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

## Mechanical and Housing

| | |
|---|---|
| **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** | 655 mm |
| **Overall width** | 480 mm |
| **Overall height** | 60 mm |

| | |
|---|---|
| **Effective projected area** | 0.25 m² |
| **Dimensions (Height x Width x Depth)** | 60 x 480 x 655 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 |

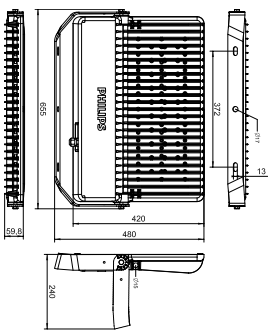
## Initial Performance (IEC Compliant)

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

## Product Data

| | |
|---|---|
| **Order product name** | BVP282 LED202/CW 160W 220-240V SWB |
| **Full product name** | BVP282 LED202/CW 160W 220-240V SWB |
| **Full product code** | 872016972979700 |
| **Order code** | 911401663704 |
| **Material Nr. (12NC)** | 911401663704 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8720169729797 |
| **Numerator - Packs per outer box** | 1 |
| **EAN/UPC - Case** | 8720169729797 |

## Dimensional drawing



# Tango G2 LED

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www.lighting.philips.com
2023, May 16 - data subject to change