



# Tango G4 LED Flood

## BVP492 LED157/CW 120W SMB 1-10V

Tango G4 LED Flood, 15700 lumen, 120 W, 5700 K

Philips Tango G4 LED flood lighting is the 4th generation of the Tango LED family. A new range lighting that delivers higher efficacy and has an optimized windage area, and less weight thanks to its technical design. This product introduction is the ideal solution for a wide range of area lighting and recreational sports lighting applications. It incorporates the latest LED light source, one-piece optical system, heat sink and driver into a 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, Tango G4 LED floodlights deliver superior performance and a longer lifetime, bringing area lighting to a whole new level.

### Warnings and Safety

- please pay attention to the mounting instructions

### Product data

| Approval and Application            |   |
|-------------------------------------|---|
| CE mark                             | CE mark                                     |
| Driver included                     | Yes   |
| Flammability mark                   | For mounting on normally flammable surfaces |
| Lighting Technology                 | LED   |
| Initial Performance (IEC Compliant) |   |
| Luminous flux tolerance             | +/-10%                                      |
| Initial chromaticity                | 7   |
| Power consumption tolerance         | +/-10%                                      |

| Light Technical                    |              |
|------------------------------------|--------------|
| Luminous Flux                      | 15,700 lumen |
| Correlated Color Temperature (Nom) | 5700 K       |
| Luminous Efficacy (rated) (Nom)    | 140 lm/W     |
| Color rendering index (CRI)        | >70          |
| Light source color                 | Cool white   |
| Optical cover/lens type            | Glass        |
| Operating and Electrical           |              |
| Line Frequency                     | 50 to 60 Hz  |
| Input Voltage                      | 220-240 V    |
| Inrush current                     | 46 A         |

# Tango G4 LED Flood

|   |                          |
|---|--------------------------|
| Power Consumption                           | 120 W                    |
| Power Factor (Fraction)                     | 0.95                     |
| Connection                                  | Flying leads/wires       |
| Cable                                       | Cable 0.5 m without plug |
| Number of products on MCB of 16 A type B 11 |                          |

## Temperature

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

## Controls and Dimming

|                   |                                    |
|-------------------|------------------------------------|
| Dimmable          | Yes                                |
| Control interface | depends on driver (1-10V, DALI...) |

## Mechanical and Housing

|                             |                |
|-----------------------------|----------------|
| Housing Material            | Aluminum Alloy |
| Optical cover/lens material | Polycarbonate  |
| Housing Color               | Gray           |
| Overall length              | 290 mm         |
| Overall width               | 380 mm         |
| Overall height              | 101 mm         |

|                                     |                     |
|-------------------------------------|---------------------|
| Effective projected area            | 0.11 m <sup>2</sup> |
| Dimensions (Height x Width x Depth) | 101 x 380 x 290 mm  |

## Approval and Application

|                              |  |
|------------------------------|--|
| Ingress protection code      | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected]                  |
| Protection class IEC         | Safety class I                               |

## Product Data

|                                 |                                 |
|---------------------------------|---------------------------------|
| Full product code               | 692234197850000                 |
| Order product name              | BVP492 LED157/CW 120W SMB 1-10V |
| EAN/UPC - Product               | 6922341978500                   |
| Order code                      | 97850000                        |
| Numerator - Quantity Per Pack   | 1                               |
| Numerator - Packs per outer box | 1                               |
| Material Nr. (12NC)             | 911401661807                    |
| Full product name               | BVP492 LED157/CW 120W SMB 1-10V |
| EAN/UPC - Case                  | 6922341978500                   |

## Dimensional drawing

