



# Tango Pro

## BVP563 LED375/740 220W EP SMB

Tango Pro, 37500 lm, 220 W, 740 neutral white, depends on driver (1-10V, DALI...), Safety class I

Philips Tango Pro LED floodlight is the fifth generation of the Philips Tango LED floodlight. Tango Pro takes efficiency to the next level, delivering industry-best efficiency in a compact but elegant design. The luminaire can be applied in a versatile range of applications, from area lighting to recreational sports facilities. The LED driver comes in compact and robust housing that meets globally recognized safety standards. Its specially designed heat sink incorporates aesthetics and functionality to ensure excellent reliability. The modular, streamlined luminaire silhouette offers a visually balanced design. Philips Tango Pro LED floodlight is engineered to create brighter and safer environments. Powered by the latest LED technology, Tango Pro delivers superior performance in both light distribution and UltraEfficiency 170lm/W and up to 200lm/W. The long luminaire lifetime and recyclable materials supports your efforts to meet sustainability targets.

### Warnings and Safety

- For coastline applications, 2,000 hours (or above) MSP recommended (liability for wear-and-tear damages exempted)
- Not suitable for chemical industrial areas
- Not suitable for installation on moving objects

### Product data

| General Information                |           | Luminous Efficacy (rated) (Nom) |                     |
|------------------------------------|-----------|---------------------------------|---------------------|
| Driver included                    | Yes       |                                 | 171 lm/W            |
| Service tag                        | Yes       | Color rendering index (CRI)     | 70                  |
|                                    |           | Light source color              | 740 neutral white   |
|                                    |           | Effective projected area        | 0.31 m <sup>2</sup> |
| Light Technical                    |           | Operating and Electrical        |                     |
| Luminous Flux                      | 37,500 lm | Input Voltage                   | 220 to 240 V        |
| Correlated Color Temperature (Nom) | 4000 K    |                                 |                     |

# Tango Pro

|  |                          |
|--|--------------------------|
| Line Frequency                             | 50 or 60 Hz              |
| Inrush current                             | 78 A                     |
| Inrush time                                | 0.238 ms                 |
| Power Consumption                          | 220 W                    |
| 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 4 |                          |
| Protection class IEC                       | Safety class I           |

## Controls and Dimming

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

## Mechanical and Housing

|                                     |   |
|-------------------------------------|---|
| Housing Material                    | Aluminium die-cast ADC1 - alloy grade (EN AC-47100) |
| Optical cover material              | Polycarbonate                                       |
| Housing Color                       | RAL7040   |
| Overall length                      | 512 mm  |
| Overall width                       | 437 mm  |
| Overall height                      | 77 mm   |
| Overall diameter                    | 621 mm  |
| Dimensions (Height x Width x Depth) | 77 x 437 x 512 mm                                   |

|                              |  |
|------------------------------|--|
| Ingress protection code      | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [6 J]                                   |
| Optical cover type           | Polycarbonate                                |
| Net Weight (Piece)           | 7.750 kg                                     |

## Approval and Application

|                           |               |
|---------------------------|---------------|
| Flammability mark         | -             |
| CE mark                   | Yes           |
| Ambient temperature range | -40 to +50 °C |

## Initial Performance (IEC Compliant)

|                             |                      |
|-----------------------------|----------------------|
| Luminous flux tolerance     | -10% / +10%          |
| Initial chromaticity        | (0.382 0.380) SDCM<5 |
| Power consumption tolerance | +/-10%               |

## Product Data

|                                 |                               |
|---------------------------------|-------------------------------|
| Order product name              | BVP563 LED375/740 220W EP SMB |
| Full product name               | BVP563 LED375/740 220W EP SMB |
| Order code                      | 911401643909                  |
| Material Nr. (12NC)             | 911401643909                  |
| Numerator - Quantity Per Pack   | 1                             |
| Numerator - Packs per outer box | 1                             |

## Dimensional drawing

