



**Tango Pro**

BVP565



## UltraEfficient and Versatile LED Floodlight

Tango Pro LED floodlight is the fifth generation of the 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. 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.

### Benefits

- Product comes in High Efficiency and UltraEfficient versions for low carbon emissions and energy savings.
- 6 optics, 12 driver options and accessories (external louvers, safety chain, aiming device) allow you to meet a wide range of application requirements.
- Connected and system-ready (ready for interact and ZD4i) to be compatible with Interact platform.
- Appealing and sustainable design, and robust materials provide durability, robust quality and reliability against harsh environments.

### Applications

- Airports
- Arena and sports
- Parking garages
- Buildings, monuments, and façades
- Transportation terminals and tollways
- Billboard
- Ports and container yard
- Large industrial areas

## Features

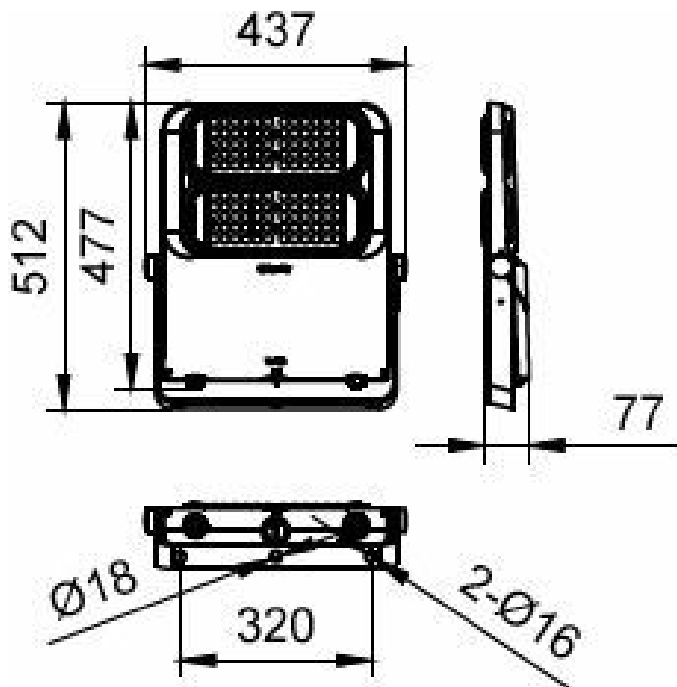
- UltraEfficiency version offers 170lm/W and system efficacy up to 200lm/W.
- Lumen packages ranging from 8,500 lumens to 85,000 lumens.
- High quality ADC1 diecast aluminum housing and stainless-steel bracket.
- 1,000 hrs/2,000 hrs marine salt protection (MSP) for coastline applications.
- IP66 ingress protection rating and IK08 impact protection rating.
- 100K cycles vibration tests at 3G in X, Y, and Z axis directions and 6G for crane version.
- Withstand 150km/h+ typhoon.
- 75K hours lifetime (L70, @ta=50°C).
- Certified operation at ambient temperature of 50°C.
- 5-year warranty.
- 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

## Versions



Tango-pro-standard-picture

## Dimensional drawing



BVP563 LED336/757 220W EP SWB

Product details



Tango Pro, floodlight



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| General Information                |                |
|------------------------------------|----------------|
| Driver included                    | Yes            |
| Service tag                        | Yes            |
| Light Technical                    |                |
| Luminous Flux                      | 33,600 lm      |
| Correlated Color Temperature (Nom) | 5700 K         |
| Color rendering index (CRI)        | 70             |
| Light source color                 | 757 cool white |
| Operating and Electrical           |                |
| Power Consumption                  | 220 W          |

### Controls and Dimming

|          |       |
|----------|-------|
| Dimmable | 1–10V |
|----------|-------|

### Mechanical and Housing

|                              |                                              |
|------------------------------|----------------------------------------------|
| Housing Color                | RAL7040                                      |
| Ingress protection code      | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [6 J]                                   |
| Optical cover type           | Polycarbonate                                |

### Approval and Application

|                   |     |
|-------------------|-----|
| Flammability mark | –   |
| CE mark           | Yes |