



Tango Pro

BVP564 LED555/740 380W EP SWB

Tango Pro, 55500 lm, 380 W, 740 neutral white, 73° x 26°, depends on driver (1-10V, DALI...), Safety class I, Mounting bracket

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 | |
|---------------------|-----------|
| Driver included | Yes |
| Light Technical | |
| Luminous Flux | 55,500 lm |

| | |
|------------------------------------|-------------------|
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 146 lm/W |
| Color rendering index (CRI) | 70 |
| Beam angle of light source | 120 degree(s) |
| Light source color | 740 neutral white |

Tango Pro

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|-----------------------------|-----------------------|
| Optic type | Assymetric Beam angle |
| Luminaire light beam spread | 73° x 26° |
| Effective projected area | 0.23 m² |

Operating and Electrical

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|-------------------------|--------------------------|
| Input Voltage | 220-240 V |
| Line Frequency | 50 or 60 Hz |
| Inrush current | 350 A |
| Inrush time | 0.1 ms |
| Power Consumption | 380 W |
| Power Factor (Fraction) | 0.95 |
| Connection | Flying leads/wires |
| Cable | Cable 1.0 m without plug |

| | |
|--|----------------|
| Number of products on MCB of 16 A type B 3 | |
| Protection class IEC | Safety class I |

Controls and Dimming

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

Mechanical and Housing

| | |
|------------------------|---|
| Housing Material | Aluminium die-cast ADC1 - alloy grade (EN AC-47100) |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Housing Color | RAL7040 |
| Mounting device | Mounting bracket |
| Optical cover finish | Clear |
| Overall length | 508 mm |

| | |
|-------------------------------------|--|
| Overall width | 555 mm |
| Overall height | 77 mm |
| Dimensions (Height x Width x Depth) | 77 x 555 x 508 mm |
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [6 J] |
| Optical cover type | Polycarbonate |
| Net Weight (Piece) | 11.250 kg |

Approval and Application

| | |
|------------------------------------|---------------|
| Flammability mark | - |
| CE mark | Yes |
| Performance ambient temperature Tq | 50 °C |
| Ambient temperature range | 0 °C to 40 °C |

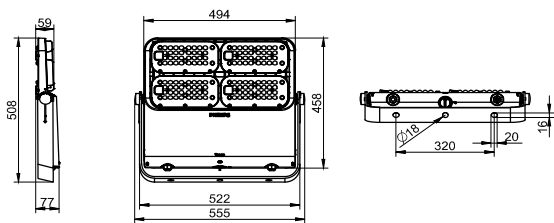
Initial Performance (IEC Compliant)

| | |
|-----------------------------|-------------|
| Luminous flux tolerance | -10% / +10% |
| Power consumption tolerance | +/-10% |

Product Data

| | |
|---------------------------------|-------------------------------|
| Order product name | BVP564 LED555/740 380W EP SWB |
| Full product name | BVP564 LED555/740 380W EP SWB |
| Full product code | 692234199443299 |
| Order code | 911401652309 |
| Material Nr. (12NC) | 911401652309 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 6922341994432 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 6922341994432 |

Dimensional drawing



Tango Pro

