

# tantulus xhp
## tunableWhite

The **tantulus xhp tunableWhite** combines cutting-edge engineering with maximum flexibility in lighting design. Created for sophisticated interior environments where light does more than illuminate—where it defines atmosphere—it allows seamless adjustment of color temperature to suit function, time of day, and architectural context.

With its outstanding light output, excellent color rendering, and precisely controlled white tones, it sets new standards in architectural accent and linear lighting. From warm, inviting light to crisp, energizing whites, the tantulus xhp tunableWhite consistently delivers the ideal lighting effect.

Its purist, reduced form deliberately fades into the background, allowing the light itself to take center stage. High-quality materials, efficient thermal management, and a robust construction ensure long-lasting performance, uniform brilliance, and reliability—even in continuous operation.

Whether used to subtly highlight materials, emphasize linear structures, or enable flexible, adaptable spatial concepts, **tantulus xhp tunableWhite** stands for perfectly controlled light.

## Dimensions




**Metric:**
310 mm, 615 mm, 920 mm, 1225 mm, 1530 mm, 1835 mm (X)
23 mm (Y)
19 mm (Z)
**Imperial**
12.21 in, 24.22 in, 36.23 in, 48.23 in, 60.24 in, 72.25 in (X)
0.91 Inch (Y)
0.75 Inch (Z)

## Technical Data

| | |
|---|---|
| Luminous color | 2000 K - 4000 K, 2700 K - 6500 K |
| Luminous flux | 310 mm \| 12.21 in → max. 820 lm<br>615 mm \| 24.22 in → max. 1640 lm<br>920 mm \| 36.23 in → max. 2460 lm<br>1225 mm \| 48.23 in → max. 3280 lm<br>1530 mm \| 60.24 in → max. 4100 lm<br>1835 mm \| 72.25 in → max. 4920 lm |
| Number of LED(s) | 310 mm \| 12.21 in → 20 LEDs<br>615 mm \| 24.22 in → 40 LEDs<br>920 mm \| 36.23 in → 60 LEDs<br>1225 mm \| 48.23 in → 80 LEDs<br>1530 mm \| 60.24 in → 100 LEDs<br>1835 mm \| 72.25 in → 120 LEDs |
| Dimming | External operating device, e.g. DALI, DMX |
| Housing | Extruded aluminium profile |
| Housing color | Aluminium anodized |
| Lens | PMMA |
| Environment | Indoor |
| Ingress protection rating | IP20 |
| Humidity | 0 to 95%, non-condensing |

| | |
|---|---|
| Ambient temperature (Operation) | 5 °C to 40 °C \| 41 °F to 104 °F |
| Ambient temperature (Storage) | 5 °C to 80 °C \| 41 °F to 176 °F |
| Ambient temperature (Start-up process) | 5 °C to 40 °C \| 41 °F to 104 °F |
| Lumen Maintenance [L70] @ 25 °C | 65,000 h |
| Lumen Maintenance [L70] @ 40 °C | 40,000 h |
| Impact protection rating | IK02 |
| Electrical data | |
| External operating device, e.g. DALI, DMX | |
| Constant voltage | 36 V |
| Power Consumption | 310 mm \| 12.21 in → 6 W<br>615 mm \| 24.22 in → 13 W<br>920 mm \| 36.23 in → 19 W<br>1225 mm \| 48.23 in → 26 W<br>1530 mm \| 60.24 in → 32 W<br>1835 mm \| 72.25 in → 39 W |
| Protection class | III |

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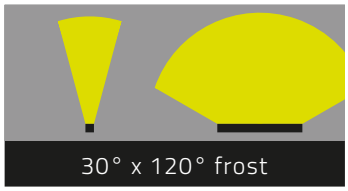
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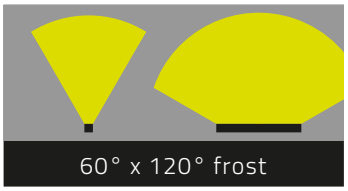
# tantulus xhp *tunableWhite*

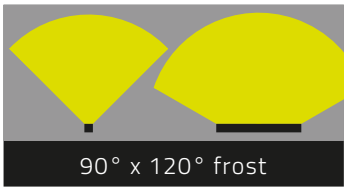
| | |
|---|---|
| LED-Class | Class 2 LED-Product |
| Approbation | CE, ETL, FCC |

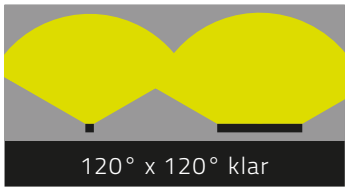
Designed and Developed in Bavaria.
Made in Germany.

## Beam Angles


30° x 120° frost


60° x 120° frost


90° x 120° frost


120° x 120° klar


120° x 120° frost
(Transmission: 87 %)


120° x 120° weiß
(Transmission: 70 %)


186° x 110° weiß

## Accessories



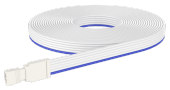
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## Configurator

TAN-XHP -(1)_____ -(2)_____ -(3)_____ -(4)_____-Y04

| 1 Luminous color | |
|---|---|
| TW8220 8240 | 2000 K- 4000 K |
| TW8227 8265 | 2700 K- 6500 K |

| 2 Dimension | |
|---|---|
| 310 | 310 mm \| 12.20 in |
| 615 | 615 mm \| 24.21 in |
| 920 | 920 mm \| 36.22 in |
| 1225 | 1225 mm \| 48.23 in |
| 1530 | 1530 mm \| 60.24 in |
| 1835 | 1835 mm \| 72.24 in |

| 3 Beam Angle | |
|---|---|
| 30X120 (F) | 30° x 120° frost |
| 60X120 (F) | 60° x 120° frost |
| 90X120 (F) | 90° x 120° frost |
| 120X120(C) | 120° x 120° klar |
| 120X120(F) | 120° x 120° frost (Transmission: 87 %) |
| 120X120(W) | 120° x 120° weiß (Transmission: 70 %) |
| SQR(W) | 186° x 110° weiß |

| 4 Mounting | | |
|---|---|---|
| K0 | Bracket 0° |  |
| K15 | Bracket 15° |  |
| K30 | Bracket 30° |  |
| K45 | Bracket 45° |  |
| K60 | Bracket 60° |  |
| KADJ | Positioning Hinge |  |

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