BION
TECHNOLOGIES

tantulus xhp
tunableWhite

The **tantulus xhp tunableWhite** combines cutting‑edge engi-
neering 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 ma-
terials, efficient thermal management, and a robust construc-
tion 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, **tan-
tulus 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)
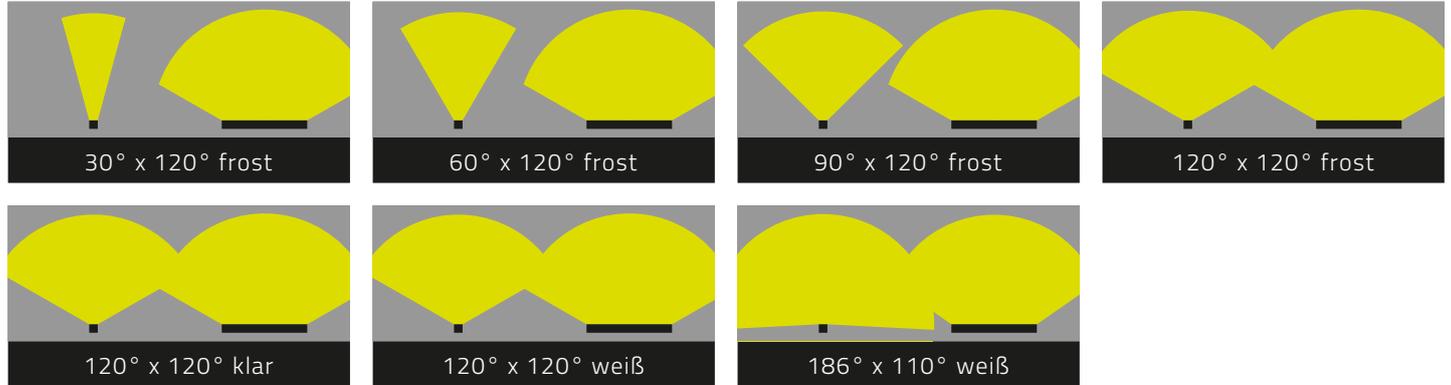0.91 Inch (Y)
0.75 Inch (Z)

Technical Data

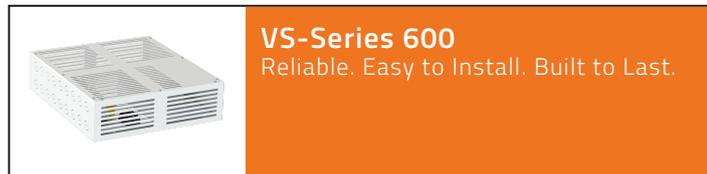|	
Luminous color	2000 K - 4000 K, 2700 K - 6500 K
Luminous flux	310 mm | 12.21 in → max. 820 lm
	615 mm | 24.22 in → max. 1640 lm
	920 mm | 36.23 in → max. 2460 lm
	1225 mm | 48.23 in → max. 3280 lm
	1530 mm | 60.24 in → max. 4100 lm
	1835 mm | 72.25 in → max. 4920 lm
Number of LED(s)	310 mm | 12.21 in → 20 LEDs
	615 mm | 24.22 in → 40 LEDs
	920 mm | 36.23 in → 60 LEDs
	1225 mm | 48.23 in → 80 LEDs
	1530 mm | 60.24 in → 100 LEDs
	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
	615 mm | 24.22 in → 13 W
	920 mm | 36.23 in → 19 W
	1225 mm | 48.23 in → 26 W
	1530 mm | 60.24 in → 32 W
	1835 mm | 72.25 in → 39 W
Protection class	III

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(DE) +49 8231 95787 0

tantulus xhp *tunableWhite*

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

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° frost

120° x 120° klar	120° x 120° weiß	186° x 110° weiß

Accessories

VS-Series 100
Reliable. Easy to Install. Built to Last.

VS-Series 300
Reliable. Easy to Install. Built to Last.

VS-Series 600
Reliable. Easy to Install. Built to Last.

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Configurator

TAN-XHP - _____ - _____ - _____ - _____ -Y04

（1）（2）（3）（4）

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(F)	120° x 120° frost
120X120(C)	120° x 120° klar
120X120(W)	120° x 120° weiß
SQR(W)	186° x 110° weiß

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

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All information without guarantee. Errors, changes and misprints excepted.