BION TECHNOLOGIES

tantulus hp
pureWhite

Looking for a high-quality lighting solution that delivers warm white light with exceptional color accuracy? **tantulus hp pureWhite** is the ideal choice. Featuring a color temperature of 3000 K and LED selection within two MacAdam ellipses, it ensures uniform and precise illumination – perfect for sophisticated interior concepts.

Available in six lengths – from 310 mm to 1835 mm – the luminaire delivers up to 3489 lm of luminous flux. The combination of a PMMA lens, extruded aluminum housing, and external dimming options (e.g. DALI or DMX) allows seamless integration into modern lighting control systems.

With a lifetime of up to 65,000 hours at 25 °C, tantulus pureWhite is a reliable solution for long-term projects. Its plug-and-play installation, robust construction, and premium materials ensure maximum ease of use and durability.
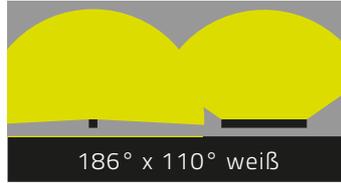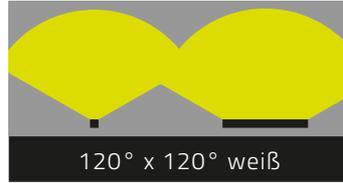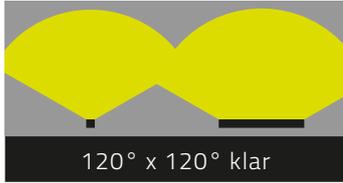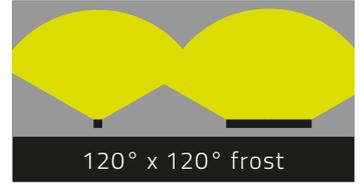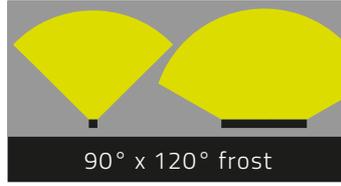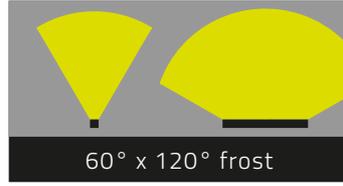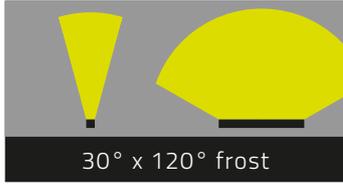
Dimensions

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, 2200 K, 2700 K, 3000 K, 3500 K, 4000 K
Luminous flux	310 mm | 12.21 in → max. 583 lm 615 mm | 24.22 in → max. 1166 lm 920 mm | 36.23 in → max. 1749 lm 1225 mm | 48.23 in → max. 2332 lm 1530 mm | 60.24 in → max. 2915 lm 1835 mm | 72.25 in → max. 3498 lm
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
Dimming	External operating device, e.g. DALI, DMX
LED-Class	Class 2 LED-Product
Approbation	CE, FCC, ETL
	Designed and Developed in Bavaria. Made in Germany.

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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

(1) (2) (3) (4)

TAN-HP - _____ - _____ - _____ - _____ -Y04

1 Luminous color

PW8220	pW 2000 K (CRI > 80 / 2 SDCM)
PW8222	pW 2200 K (CRI > 80 / 2 SDCM)
PW8227	pW 2700 K (CRI > 80 / 2 SDCM)
PW8230	pW 3000 K (CRI > 80 / 2 SDCM)
PW8235	pW 3500 K (CRI > 80 / 2 SDCM)
PW8240	pW 4000 K (CRI > 80 / 2 SDCM)

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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