

tantulus hp
pureWhite

Looking for a high-quality lighting solution with warm-white to neutral-white light and excellent color accuracy? **tantulus hp pureWhite** delivers exactly that – with six selectable color temperatures from 2000 K to 4000 K and an LED selection within a 2-step MacAdam ellipse for exceptionally uniform and precise illumination.

The luminaire is available in six lengths and delivers a strong, consistent luminous flux. Various beam angles – from tightly focused to wide-spreading, available in clear, frosted, or white – enable precisely tailored light distribution for every application. The high-quality lens and robust aluminum housing ensure consistently high light quality and durability, while external drivers supporting 0-10V, DMX, and DALI protocols enable flexible integration into modern lighting control systems.

Straightforward plug-and-play installation and premium materials ensure maximum ease of use. Thanks to Single-BIN technology, color consistency is maintained across the entire series, and bin-accurate reorderability ensures this color accuracy remains reliable even with later extensions.

The LED boards are manufactured in Germany – reflecting a sustainable "Made in Germany" approach to resource use and light quality.

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. 762 lm 615 mm | 24.22 in → max. 1 523 lm 920 mm | 36.23 in → max. 2 285 lm 1225 mm | 48.23 in → max. 3 047 lm 1530 mm | 60.24 in → max. 3 808 lm 1835 mm | 72.25 in → max. 4 570 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

Weight	310 mm | 12.21 in → 0.1 kg | 0.3 lb 615 mm | 24.22 in → 0.2 kg | 0.5 lb 920 mm | 36.23 in → 0.3 kg | 0.7 lb 1225 mm | 48.23 in → 0.4 kg | 0.9 lb 1530 mm | 60.24 in → 0.5 kg | 1.2 lb 1835 mm | 72.25 in → 0.6 kg | 1.4 lb The weight of the fixture can vary depending on the configuration!
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

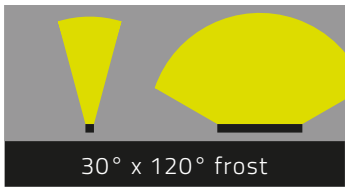
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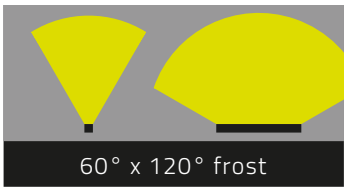
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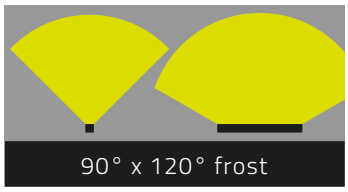
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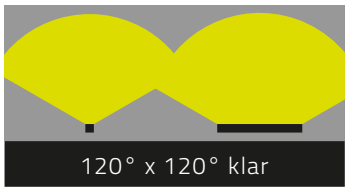
Lumen Maintenance [L70] @ 40 °C	40,000 h
Impact protection rating	IK02
Electrical data	
External operating device, e.g. DALI, DMX	
Constant voltage	36 V
Power Consumption	
	310 mm | 12.21 in → 5 W 615 mm | 24.22 in → 10 W 920 mm | 36.23 in → 15 W 1225 mm | 48.23 in → 20 W 1530 mm | 60.24 in → 25 W 1835 mm | 72.25 in → 30 W
Protection class	III
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



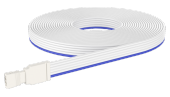
VS-Series 100
Reliable. Easy to Install. Built to Last.



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



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



tantulus leader cable



tantulus connection cable

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Configurator

TAN-HP - (1) - (2) - (3) - (4) -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(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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