

tantulus 24V hp
pureWhite

Looking for a high-quality lighting solution with warm-white to neutral-white light and excellent color accuracy? **tantulus 24V 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:
105 mm, 205 mm, 305 mm, 405 mm, 505 mm, 605 mm, 705 mm, 805 mm, 905 mm, 1005 mm, 1105 mm, 1205 mm, 1305 mm, 1405 mm, 1505 mm, 1605 mm, 1705 mm, 1805 mm, 1905 mm (X)
27 mm (Y)
55 mm (Z)

Imperial
4.14 in, 8.08 in, 12.01 in, 15.95 in, 19.89 in, 23.82 in, 27.76 in, 31.70 in, 35.63 in, 39.57 in, 43.51 in, 47.45 in, 51.38 in, 55.32 in, 59.26 in, 63.19 in, 67.13 in, 71.07 in, 75.00 in (X)
1.07 Inch (Y)
2.17 Inch (Z)

Technical Data

Luminous color	2000 K, 2200 K, 2700 K, 3000 K, 3500 K, 4000 K
Luminous flux	105 mm | 4.14 in → max. 263 lm 205 mm | 8.08 in → max. 526 lm 305 mm | 12.01 in → max. 789 lm 405 mm | 15.95 in → max. 1 051 lm 505 mm | 19.89 in → max. 1 314 lm 605 mm | 23.82 in → max. 1 577 lm 705 mm | 27.76 in → max. 1 840 lm 805 mm | 31.70 in → max. 2 103 lm 905 mm | 35.63 in → max. 2 366 lm 1005 mm | 39.57 in → max. 2 628 lm 1105 mm | 43.51 in → max. 2 891 lm 1205 mm | 47.45 in → max. 3 154 lm 1305 mm | 51.38 in → max. 3 417 lm 1405 mm | 55.32 in → max. 3 680 lm 1505 mm | 59.26 in → max. 3 943 lm 1605 mm | 63.19 in → max. 4 205 lm 1705 mm | 67.13 in → max. 4 468 lm 1805 mm | 71.07 in → max. 4 731 lm 1905 mm | 75.00 in → max. 4 994 lm

Number of LED(s)	105 mm | 4.14 in → 6 LEDs 205 mm | 8.08 in → 12 LEDs 305 mm | 12.01 in → 18 LEDs 405 mm | 15.95 in → 24 LEDs 505 mm | 19.89 in → 30 LEDs 605 mm | 23.82 in → 36 LEDs 705 mm | 27.76 in → 42 LEDs 805 mm | 31.70 in → 48 LEDs 905 mm | 35.63 in → 54 LEDs 1005 mm | 39.57 in → 60 LEDs 1105 mm | 43.51 in → 66 LEDs 1205 mm | 47.45 in → 72 LEDs 1305 mm | 51.38 in → 78 LEDs 1405 mm | 55.32 in → 84 LEDs 1505 mm | 59.26 in → 90 LEDs 1605 mm | 63.19 in → 96 LEDs 1705 mm | 67.13 in → 102 LEDs 1805 mm | 71.07 in → 108 LEDs 1905 mm | 75.00 in → 114 LEDs
Glare Protection	No Glare Protection, Anti Glare Shield

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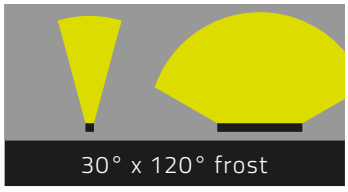
tantulus 24V hp *pureWhite*

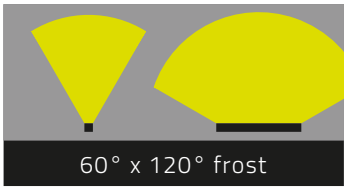
Dimming	External operating device, e.g. DALI, DMX
Housing	Extruded aluminium profile
Lens	PMMA
Environment	Indoor
Ingress protection rating	IP20
Humidity	0 to 95%, non-condensing
Ambient temperature (Operation)	5 °C to 40 °C | 41 °F to 104 °F
Ambient temperature (Storage)	5 °C to 80 °C | 41 °F to 176 °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	24 V

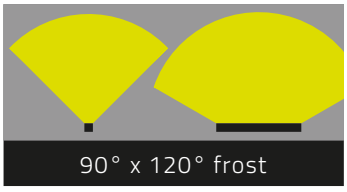
Power Consumption	
	105 mm | 4.14 in → 2 W
	205 mm | 8.08 in → 3 W
	305 mm | 12.01 in → 5 W
	405 mm | 15.95 in → 6 W
	505 mm | 19.89 in → 8 W
	605 mm | 23.82 in → 10 W
	705 mm | 27.76 in → 11 W
	805 mm | 31.70 in → 13 W
	905 mm | 35.63 in → 14 W
	1005 mm | 39.57 in → 16 W
	1105 mm | 43.51 in → 18 W
	1205 mm | 47.45 in → 19 W
	1305 mm | 51.38 in → 21 W
	1405 mm | 55.32 in → 22 W
	1505 mm | 59.26 in → 24 W
	1605 mm | 63.19 in → 26 W
	1705 mm | 67.13 in → 27 W
	1805 mm | 71.07 in → 29 W
	1905 mm | 75.00 in → 30 W
Protection class	III
LED-Class	Class 2 LED-Product
Approbation	CE, FCC, ETL

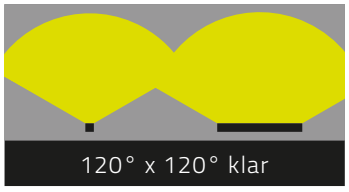
Designed and Developed in Bavaria.
Made in Germany.

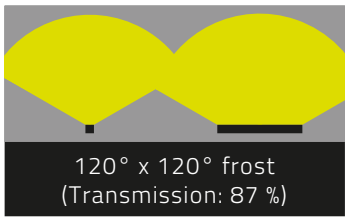
Beam Angles

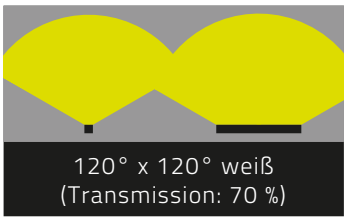


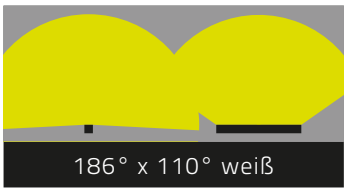












Accessories



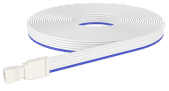
VS-Series 100
Reliable. Easy to Install. Built to Last.



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



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



tantulus leader cable

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Configurator

TAN-24V-HP - (1) - (2) - (3) - (4) - (5) -Y01

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)
PW9230	pW 3000 K (CRI > 90 / 2 SDCM)
PW8235	pW 3500 K (CRI > 80 / 2 SDCM)
PW8240	pW 4000 K (CRI > 80 / 2 SDCM)

2 Dimension	
105	105 mm | 4.13 in
205	205 mm | 8.07 in
305	305 mm | 12.01 in
405	405 mm | 15.94 in
505	505 mm | 19.88 in
605	605 mm | 23.82 in
705	705 mm | 27.76 in
805	805 mm | 31.69 in
905	905 mm | 35.63 in
1005	1005 mm | 39.57 in
1105	1105 mm | 43.50 in
1205	1205 mm | 47.44 in
1305	1305 mm | 51.38 in
1405	1405 mm | 55.31 in
1505	1505 mm | 59.25 in
1605	1605 mm | 63.19 in
1705	1705 mm | 67.13 in
1805	1805 mm | 71.06 in
1905	1905 mm | 75.00 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 Glare Protection	
OP	No Glare Protection
ATS	Anti Glare Shield

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

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