

tantulus 24V hp100



pureWhite




TECHNICAL DATASHEET

tantulus 24V hp100

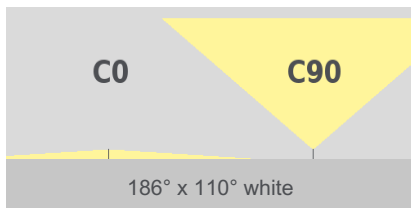
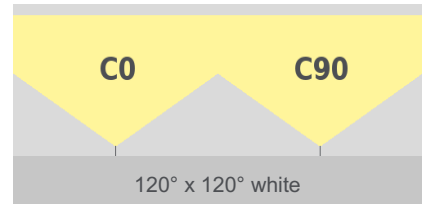
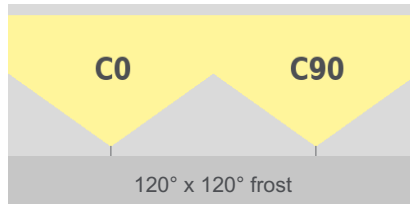
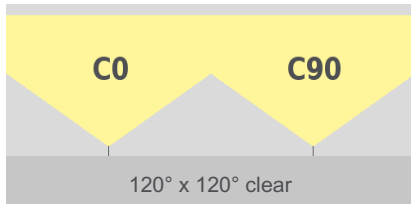
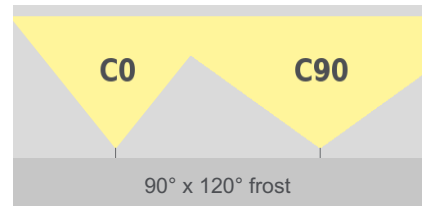
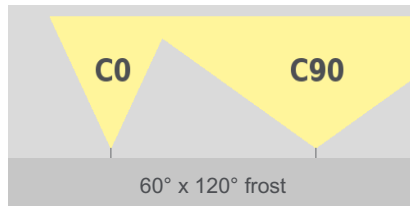
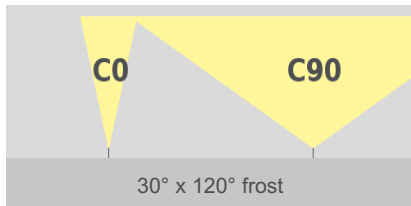
pureWhite

Technical Data

Dimensions	23 mm x 19 mm [W x H] 0.91 in x 0.75 in [W x H]																																
Standard Unit Lengths	310 mm, 415 mm, 515 mm, 615 mm, 720 mm, 820 mm, 920 mm, 1025 mm, 1125 mm, 1225 mm, 1330 mm, 1430 mm, 1530 mm, 1635 mm, 1735 mm, 1835 mm 12.21 in, 16.34 in, 20.28 in, 24.22 in, 28.35 in, 32.29 in, 36.23 in, 40.36 in, 44.30 in, 48.23 in, 52.37 in, 56.30 in, 60.24 in, 64.37 in, 68.31 in, 72.25 in																																
Fixture Typ	 pureWhite																																
Color Temperatures pureWhite	2000 K, 2200 K, 2500 K, 2700 K, 3000 K, 3500 K, 4000 K, 4500 K, 5000 K, 5700 K, 6500 K																																
Beam Angles	30° x 120°, 60° x 120°, 90° x 120°, 120°, 120° 120°, 186° x 110°																																
Luminous Flux	<table border="1"> <tr><td>310 mm (12.21 in):</td><td>570 lm</td></tr> <tr><td>415 mm (16.34 in):</td><td>760 lm</td></tr> <tr><td>515 mm (20.28 in):</td><td>950 lm</td></tr> <tr><td>615 mm (24.22 in):</td><td>1140 lm</td></tr> <tr><td>720 mm (28.35 in):</td><td>1330 lm</td></tr> <tr><td>820 mm (32.29 in):</td><td>1520 lm</td></tr> <tr><td>920 mm (36.23 in):</td><td>1710 lm</td></tr> <tr><td>1025 mm (40.36 in):</td><td>1900 lm</td></tr> <tr><td>1125 mm (44.3 in):</td><td>2090 lm</td></tr> <tr><td>1225 mm (48.23 in):</td><td>2280 lm</td></tr> <tr><td>1330 mm (52.37 in):</td><td>2470 lm</td></tr> <tr><td>1430 mm (56.3 in):</td><td>2660 lm</td></tr> <tr><td>1530 mm (60.24 in):</td><td>2850 lm</td></tr> <tr><td>1635 mm (64.37 in):</td><td>3040 lm</td></tr> <tr><td>1735 mm (68.31 in):</td><td>3230 lm</td></tr> <tr><td>1835 mm (72.25 in):</td><td>3420 lm</td></tr> </table>	310 mm (12.21 in):	570 lm	415 mm (16.34 in):	760 lm	515 mm (20.28 in):	950 lm	615 mm (24.22 in):	1140 lm	720 mm (28.35 in):	1330 lm	820 mm (32.29 in):	1520 lm	920 mm (36.23 in):	1710 lm	1025 mm (40.36 in):	1900 lm	1125 mm (44.3 in):	2090 lm	1225 mm (48.23 in):	2280 lm	1330 mm (52.37 in):	2470 lm	1430 mm (56.3 in):	2660 lm	1530 mm (60.24 in):	2850 lm	1635 mm (64.37 in):	3040 lm	1735 mm (68.31 in):	3230 lm	1835 mm (72.25 in):	3420 lm
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Light Source	<table border="1"> <tr><td>310 mm (12.21 in):</td><td>30 LEDs</td></tr> <tr><td>415 mm (16.34 in):</td><td>40 LEDs</td></tr> <tr><td>515 mm (20.28 in):</td><td>50 LEDs</td></tr> <tr><td>615 mm (24.22 in):</td><td>60 LEDs</td></tr> <tr><td>720 mm (28.35 in):</td><td>70 LEDs</td></tr> <tr><td>820 mm (32.29 in):</td><td>80 LEDs</td></tr> <tr><td>920 mm (36.23 in):</td><td>90 LEDs</td></tr> <tr><td>1025 mm (40.36 in):</td><td>100 LEDs</td></tr> <tr><td>1125 mm (44.3 in):</td><td>110 LEDs</td></tr> <tr><td>1225 mm (48.23 in):</td><td>120 LEDs</td></tr> <tr><td>1330 mm (52.37 in):</td><td>130 LEDs</td></tr> <tr><td>1430 mm (56.3 in):</td><td>140 LEDs</td></tr> <tr><td>1530 mm (60.24 in):</td><td>150 LEDs</td></tr> <tr><td>1635 mm (64.37 in):</td><td>160 LEDs</td></tr> <tr><td>1735 mm (68.31 in):</td><td>170 LEDs</td></tr> <tr><td>1835 mm (72.25 in):</td><td>180 LEDs</td></tr> </table>	310 mm (12.21 in):	30 LEDs	415 mm (16.34 in):	40 LEDs	515 mm (20.28 in):	50 LEDs	615 mm (24.22 in):	60 LEDs	720 mm (28.35 in):	70 LEDs	820 mm (32.29 in):	80 LEDs	920 mm (36.23 in):	90 LEDs	1025 mm (40.36 in):	100 LEDs	1125 mm (44.3 in):	110 LEDs	1225 mm (48.23 in):	120 LEDs	1330 mm (52.37 in):	130 LEDs	1430 mm (56.3 in):	140 LEDs	1530 mm (60.24 in):	150 LEDs	1635 mm (64.37 in):	160 LEDs	1735 mm (68.31 in):	170 LEDs	1835 mm (72.25 in):	180 LEDs
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1835 mm (72.25 in):	180 LEDs																																
Color Rendering Index	R _a >= 82																																
R9	20																																
LED-Binning																																	
MacAdam Ellipses Binning	2																																
Dimming	external																																

Input Voltage	Power supply: external
Power Consumption	310 mm (12.21 in): Max. 5.01 W 415 mm (16.34 in): Max. 6.68 W 515 mm (20.28 in): Max. 8.35 W 615 mm (24.22 in): Max. 10.02 W 720 mm (28.35 in): Max. 11.69 W 820 mm (32.29 in): Max. 13.36 W 920 mm (36.23 in): Max. 15.03 W 1025 mm (40.36 in): Max. 16.7 W 1125 mm (44.3 in): Max. 18.37 W 1225 mm (48.23 in): Max. 20.04 W 1330 mm (52.37 in): Max. 21.71 W 1430 mm (56.3 in): Max. 23.38 W 1530 mm (60.24 in): Max. 25.05 W 1635 mm (64.37 in): Max. 26.72 W 1735 mm (68.31 in): Max. 28.39 W 1835 mm (72.25 in): Max. 30.06 W
Protection Class	II
Storage Temperatur	-20 °C / +40 °C -4 °F / +104 °F
Operating Temperature	-20 °C / +40 °C -4 °F / +104 °F
Start-up Temperature	-20 °C / +40 °C -4 °F / +104 °F
Lumen Maintenance [L70]	65'000 h @ 25 °C (77 °F) 40'000 h @ 50 °C (122 °F)
LED-Class	Class 2 LED Product
Housing	Aluminium
Housing Color(s)	 Aluminium anodized (Standard)
Lens	Material: PMMA Translucency clear 90% frost 87% white 70%
Weight	325 mm (12.80 in): 0,11 kg (0.24 lbs) 630 mm (24.80 in): 0,22 kg (0.49 lbs) 953 mm (37.52 in): 0,33 kg (0.73 lbs) 1240 mm (48.82 in): 0,44 kg (0.97 lbs) 1545 mm (60.83 in): 0,55 kg (1.21 lbs) 1850 mm (72.83 in): 0,66 kg (1.46 lbs)
Ingress Protection	IP20
Environment	 indoor
Certification	

Beam Angles



Project	Fixture#	Date
		Firm

Ordering Information

Choose the option that suits your needs and write its corresponding code on the appropriate line to form the product code.

TAN-24V-HP100- _____ - _____ - _____ - Y31

TYP - LUMINOUS COLOR		FIXTURE LENGTH		BEAM ANGLE		MOUNTING OPTION	
PW20	pureWhite - 2000 K	310	310 mm / 12.2 in	30X120(F)	30° x 120° frost	K0	Bracket Set 0°
PW22	pureWhite - 2200 K	415	415 mm / 16.34 in	60X120(F)	60° x 120° frost	K15	Bracket Set 15°
PW25	pureWhite - 2500 K	515	515 mm / 20.28 in	90X120(F)	90° x 120° frost	K30	Bracket Set 30°
PW27	pureWhite - 2700 K	615	615 mm / 24.21 in	120X120(C)	120° x 120° clear	K45	Bracket Set 45°
PW30	pureWhite - 3000 K	720	720 mm / 28.35 in	120X120(F)	120° x 120° frost	K60	Bracket Set 60°
PW35	pureWhite - 3500 K	820	820 mm / 32.28 in	120X120(W)	120° x 120° white	KADJ	Positioning Hinge
PW40	pureWhite - 4000 K	920	920 mm / 36.22 in	SQR(W)	186° x 110° white	Fixed Angle: Bracket count: 2 <= 1225 mm (48.23 in) > 3 HKadj: Bracket count: 2 for all lengths	
PW45	pureWhite - 4500 K	1025	1025 mm / 40.35 in				
PW50	pureWhite - 5000 K	1125	1125 mm / 44.29 in				
PW57	pureWhite - 5700 K	1225	1225 mm / 48.23 in				
PW65	pureWhite - 6500 K	1330	1330 mm / 52.36 in				
		1430	1430 mm / 56.3 in				
		1530	1530 mm / 60.24 in				
		1635	1635 mm / 64.37 in				
		1735	1735 mm / 68.31 in				
		1835	1835 mm / 72.24 in				

Sample Order Code: TAN-24V-HP100-PW20-820-120X120(C)-K45-Y31

* Project-specific options are available - Please contact our Sales Representative for further information.



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