



# tantulus outdoor



**RGBW**

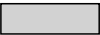



TECHNICAL DATASHEET

# tantulus outdoor

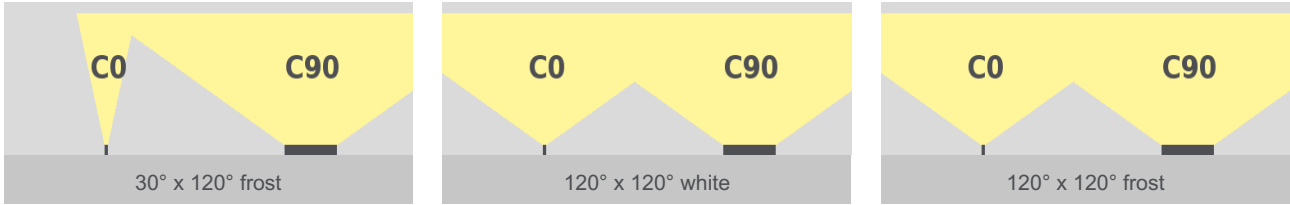
## RGBW

### Technical Data

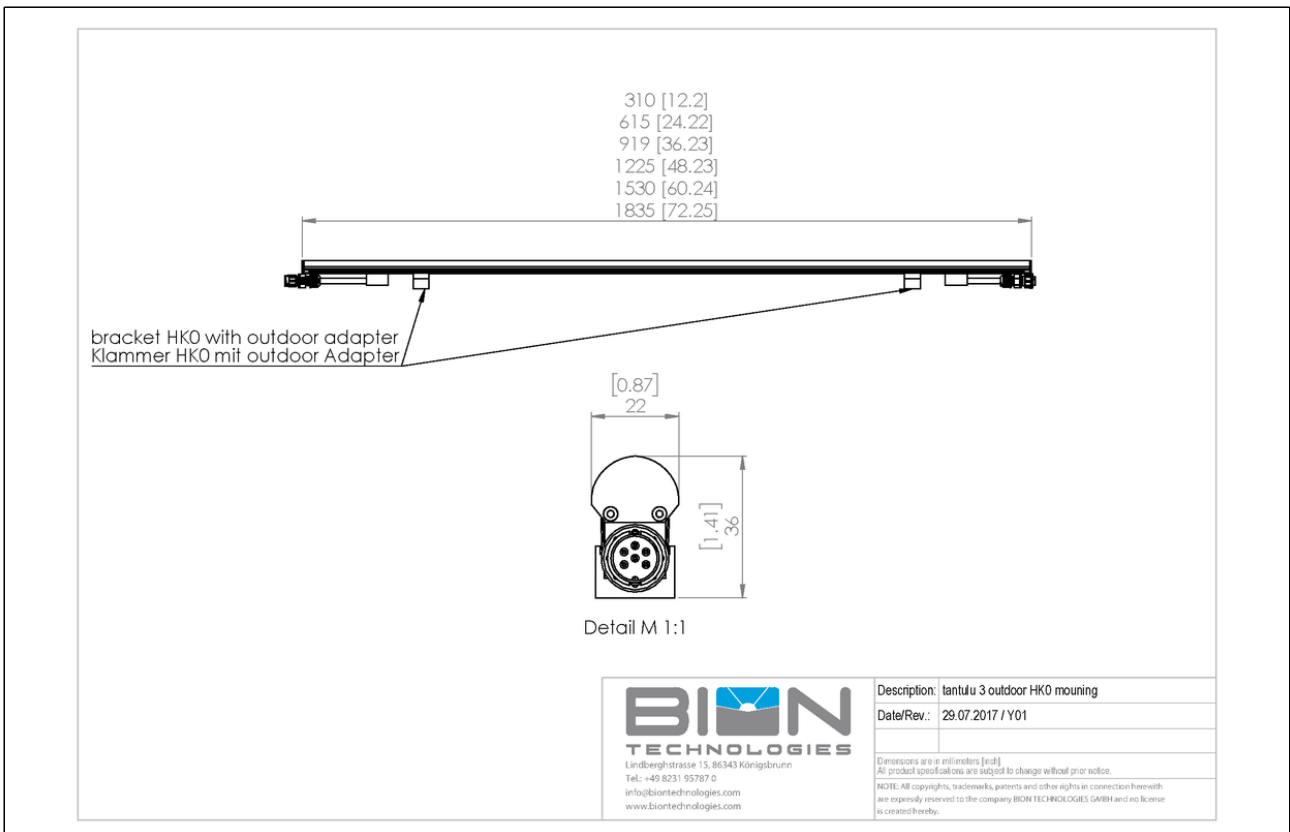
Dimensions	22 mm x 36 mm [W x H] with bracket / hinge 0.87 in x 1.42 in [W x H] with bracket / hinge																																			
Standard Unit Lengths	210 mm, 310 mm, 415 mm, 515 mm, 615 mm, 720 mm, 820 mm, 920 mm, 1025 mm, 1125 mm, 1225 mm, 1330 mm, 1430 mm, 1530 mm, 1635 mm, 1735 mm, 1835 mm 8.27 in, 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	 RGBW																																			
Color Temperatures W-Channel	2600 K, 3300 K, 4000 K * Project-specific LED-colors for RGBW/RGB available.																																			
Beam Angles	30° x 120°, 120°, 120°																																			
Luminous Flux	<table><tr><td>210 mm (8.27 in):</td><td>147 lm</td></tr><tr><td>310 mm (12.21 in):</td><td>223 lm</td></tr><tr><td>415 mm (16.34 in):</td><td>297 lm</td></tr><tr><td>515 mm (20.28 in):</td><td>370 lm</td></tr><tr><td>615 mm (24.22 in):</td><td>446 lm</td></tr><tr><td>720 mm (28.35 in):</td><td>520 lm</td></tr><tr><td>820 mm (32.29 in):</td><td>593 lm</td></tr><tr><td>920 mm (36.23 in):</td><td>669 lm</td></tr><tr><td>1025 mm (40.36 in):</td><td>743 lm</td></tr><tr><td>1125 mm (44.3 in):</td><td>816 lm</td></tr><tr><td>1225 mm (48.23 in):</td><td>892 lm</td></tr><tr><td>1330 mm (52.37 in):</td><td>966 lm</td></tr><tr><td>1430 mm (56.3 in):</td><td>1039 lm</td></tr><tr><td>1530 mm (60.24 in):</td><td>1115 lm</td></tr><tr><td>1635 mm (64.37 in):</td><td>1189 lm</td></tr><tr><td>1735 mm (68.31 in):</td><td>1262 lm</td></tr><tr><td>1835 mm (72.25 in):</td><td>1338 lm</td></tr></table>		210 mm (8.27 in):	147 lm	310 mm (12.21 in):	223 lm	415 mm (16.34 in):	297 lm	515 mm (20.28 in):	370 lm	615 mm (24.22 in):	446 lm	720 mm (28.35 in):	520 lm	820 mm (32.29 in):	593 lm	920 mm (36.23 in):	669 lm	1025 mm (40.36 in):	743 lm	1125 mm (44.3 in):	816 lm	1225 mm (48.23 in):	892 lm	1330 mm (52.37 in):	966 lm	1430 mm (56.3 in):	1039 lm	1530 mm (60.24 in):	1115 lm	1635 mm (64.37 in):	1189 lm	1735 mm (68.31 in):	1262 lm	1835 mm (72.25 in):	1338 lm
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Light Source	<table><tr><td>210 mm (8.27 in):</td><td>13 LEDs</td></tr><tr><td>310 mm (12.21 in):</td><td>20 LEDs</td></tr><tr><td>415 mm (16.34 in):</td><td>27 LEDs</td></tr><tr><td>515 mm (20.28 in):</td><td>33 LEDs</td></tr><tr><td>615 mm (24.22 in):</td><td>40 LEDs</td></tr><tr><td>720 mm (28.35 in):</td><td>47 LEDs</td></tr><tr><td>820 mm (32.29 in):</td><td>53 LEDs</td></tr><tr><td>920 mm (36.23 in):</td><td>60 LEDs</td></tr><tr><td>1025 mm (40.36 in):</td><td>67 LEDs</td></tr><tr><td>1125 mm (44.3 in):</td><td>73 LEDs</td></tr><tr><td>1225 mm (48.23 in):</td><td>80 LEDs</td></tr><tr><td>1330 mm (52.37 in):</td><td>87 LEDs</td></tr><tr><td>1430 mm (56.3 in):</td><td>93 LEDs</td></tr><tr><td>1530 mm (60.24 in):</td><td>100 LEDs</td></tr><tr><td>1635 mm (64.37 in):</td><td>107 LEDs</td></tr><tr><td>1735 mm (68.31 in):</td><td>113 LEDs</td></tr><tr><td>1835 mm (72.25 in):</td><td>120 LEDs</td></tr></table>		210 mm (8.27 in):	13 LEDs	310 mm (12.21 in):	20 LEDs	415 mm (16.34 in):	27 LEDs	515 mm (20.28 in):	33 LEDs	615 mm (24.22 in):	40 LEDs	720 mm (28.35 in):	47 LEDs	820 mm (32.29 in):	53 LEDs	920 mm (36.23 in):	60 LEDs	1025 mm (40.36 in):	67 LEDs	1125 mm (44.3 in):	73 LEDs	1225 mm (48.23 in):	80 LEDs	1330 mm (52.37 in):	87 LEDs	1430 mm (56.3 in):	93 LEDs	1530 mm (60.24 in):	100 LEDs	1635 mm (64.37 in):	107 LEDs	1735 mm (68.31 in):	113 LEDs	1835 mm (72.25 in):	120 LEDs
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Color Rendering Index	R <sub>a</sub> >= 82																																			
R9	20																																			
LED-Binning																																				
MacAdam Ellipses Binning	3																																			

Input Voltage	Power supply: external	
Power Consumption	210 mm (8.27 in):	Max. 6 W
	310 mm (12.21 in):	Max. 6 W
	415 mm (16.34 in):	Max. 12 W
	515 mm (20.28 in):	Max. 12 W
	615 mm (24.22 in):	Max. 12 W
	720 mm (28.35 in):	Max. 18 W
	820 mm (32.29 in):	Max. 18 W
	920 mm (36.23 in):	Max. 18 W
	1025 mm (40.36 in):	Max. 24 W
	1125 mm (44.3 in):	Max. 24 W
	1225 mm (48.23 in):	Max. 24 W
	1330 mm (52.37 in):	Max. 30 W
	1430 mm (56.3 in):	Max. 30 W
	1530 mm (60.24 in):	Max. 30 W
	1635 mm (64.37 in):	Max. 36 W
	1735 mm (68.31 in):	Max. 36 W
	1835 mm (72.25 in):	Max. 36 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]	40'000 h @ 25 °C (77 °F)   25'000 h @ 50 °C (122 °F)	
LED-Class	Class 2 LED Product	
Housing	Aluminium	
Housing Color(s)	 Aluminium anodized (Standard)	
Lens	Material: PMMA	
	Translucency	
	frost	89%
	white	70%
Ingress Protection	IP65	
Environment	 indoor  outdoor	
Certification		

## Beam Angles



## Engineering Drawing



<b>Project</b>	<b>Fixture#</b>	<b>Date</b>
		<b>Firm</b>



## Ordering Information

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

TAN-OUT-- \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - Y31

TYP - LUMINOUS COLOR		FIXTURE LENGTH		BEAM ANGLE		MOUNTING OPTION	
RGBW26	RGBW - 2600 K	210	210 mm / 8.27 in	30X120F	30° x 120° frost	<b>MOUNTING OPTION</b> K0 Bracket Set 0° K15 Bracket Set 15° K30 Bracket Set 30° K45 Bracket Set 45° K60 Bracket Set 60° KADJ Positioning Hinge Fixed Angle: Bracket count: 2 <= 1225 mm (48.23 in) > 3 HKadj: Bracket count: 2 for all lengths	
RGBW33	RGBW - 3300 K	310	310 mm / 12.2 in	120X120W	120° x 120° white		
RGBW40	RGBW - 4000 K	415	415 mm / 16.34 in	120X120F	120° x 120° frost		
		515	515 mm / 20.28 in				
		615	615 mm / 24.21 in				
		720	720 mm / 28.35 in				
		820	820 mm / 32.28 in				
		920	920 mm / 36.22 in				
		1025	1025 mm / 40.35 in				
		1125	1125 mm / 44.29 in				
		1225	1225 mm / 48.23 in				
		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				

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



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