



# tantulus free choice

The tantulus free choice sets new standards in architectural lighting by offering you unparalleled design freedom. With four individually controllable LED circuits, countless possibilities open up for combining different light colors – from warm 1800 Kelvin to cool 6500 Kelvin, complemented by unusual shades such as amber, azure blue, royal blue, or lime green. This variety allows you to create exactly the mood and atmosphere that your project deserves.

But that's not all: the luminaire also impresses with a wide range of flexible beam angles. Whether narrow, targeted light cones with 30° x 120° in clear or frosted, wide floodlight angles of 120° x 120°, or the exceptionally soft beam angle of the SQR optics – with tantulus free choice, you can direct the light exactly where it is needed.

With our perfectly matched VS power supplies, you can create smooth brightness gradients, the light flows harmoniously and naturally, can be adjusted continuously, and transforms any environment into a living work of light art. This makes the tantulus free choice not only a light source, but also a flexible design element that brings rooms to life and implements individual lighting concepts to perfection.

## Dimensions



**Metric:**

310 mm, 615 mm, 920 mm, 1225 mm, 1530 mm, 1835 mm (X)  
23 mm (Y)  
19 mm (Z)

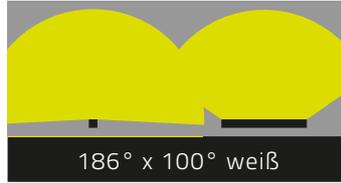
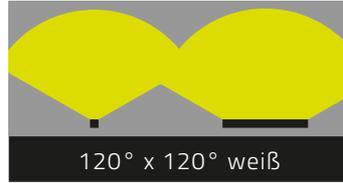
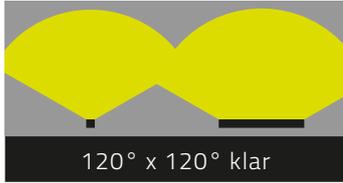
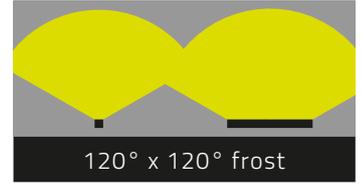
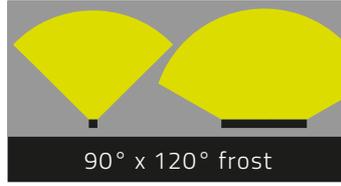
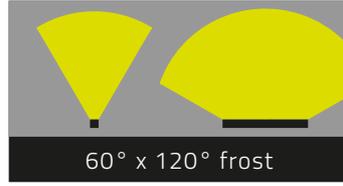
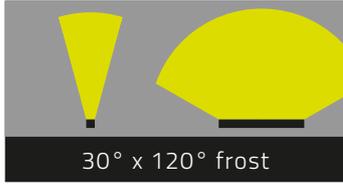
**Imperial**

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 Colors	1800 K, 2000 K, 2700 K, 3000 K, 3500 K, 4000 K, 5700 K, 6500 K, Amber, Red, Deep Red, Lime, Green, Turquoise, Azure, Blue, Royal Blue	Ambient temperature (Storage)	5 °C to 80 °C   41 °F to 176 °F
Number of LED(s)	310 mm   12.21 in → 24 LEDs 615 mm   24.22 in → 48 LEDs 920 mm   36.23 in → 72 LEDs 1225 mm   48.23 in → 96 LEDs 1530 mm   60.24 in → 120 LEDs 1835 mm   72.25 in → 144 LEDs	Ambient temperature (Start-up process)	5 °C to 40 °C   41 °F to 104 °F
Housing	Extruded aluminium profile	Lumen Maintenance [L70] @ 25 °C	65,000 h
Dimming	External operating device, e.g. DALI, DMX	Lumen Maintenance [L70] @ 40 °C	40,000 h
Housing color	Aluminium anodized	Impact protection rating	IK02
Lens	PMMA	Dimming	External operating device, e.g. DALI, DMX
Environment	Indoor	LED-Class	Class 2 LED-Product
Ingress protection rating	IP20	Approbation	CE, FCC, ETL
Humidity	0 to 95%, non-condensing	Designed and Developed in Bavaria. Made in Germany.	
Ambient temperature (Operation)	5 °C to 40 °C   41 °F to 104 °F		

## 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.

**Configurator**



TAN-FC - - - - -Y01

1 LED array 1	
9218	1800 K (CRI > 90 / 2 SDCM)
9220	2000 K (CRI > 90 / 2 SDCM)
9227	2700 K (CRI > 90 / 2 SDCM)
9230	3000 K (CRI > 90 / 2 SDCM)
9235	3500 K (CRI > 90 / 2 SDCM)
9240	4000 K (CRI > 90 / 2 SDCM)
9257	5700 K (CRI > 90 / 2 SDCM)
9265	6500 K (CRI > 90 / 2 SDCM)
AM	Amber
RE	Red
DR	Deep Red
LI	Lime
GR	Green
TU	Turquoise
AZ	Azure
BL	Blue
RB	Royal Blue

2 LED array 2	
9218	1800 K (CRI > 90 / 2 SDCM)
9220	2000 K (CRI > 90 / 2 SDCM)
9227	2700 K (CRI > 90 / 2 SDCM)
9230	3000 K (CRI > 90 / 2 SDCM)
9235	3500 K (CRI > 90 / 2 SDCM)
9240	4000 K (CRI > 90 / 2 SDCM)
9257	5700 K (CRI > 90 / 2 SDCM)
9265	6500 K (CRI > 90 / 2 SDCM)
AM	Amber
RE	Red
DR	Deep Red
LI	Lime
GR	Green
TU	Turquoise
AZ	Azure
BL	Blue
RB	Royal Blue

3 LED array 3	
9218	1800 K (CRI > 90 / 2 SDCM)
9220	2000 K (CRI > 90 / 2 SDCM)
9227	2700 K (CRI > 90 / 2 SDCM)
9230	3000 K (CRI > 90 / 2 SDCM)
9235	3500 K (CRI > 90 / 2 SDCM)
9240	4000 K (CRI > 90 / 2 SDCM)
9257	5700 K (CRI > 90 / 2 SDCM)
9265	6500 K (CRI > 90 / 2 SDCM)
AM	Amber
RE	Red
DR	Deep Red
LI	Lime
GR	Green
TU	Turquoise
AZ	Azure
BL	Blue
RB	Royal Blue

**tantulus**  
free choice

4 LED array 4	
9218	1800 K (CRI > 90 / 2 SDCM)
9220	2000 K (CRI > 90 / 2 SDCM)
9227	2700 K (CRI > 90 / 2 SDCM)
9230	3000 K (CRI > 90 / 2 SDCM)
9235	3500 K (CRI > 90 / 2 SDCM)
9240	4000 K (CRI > 90 / 2 SDCM)
9257	5700 K (CRI > 90 / 2 SDCM)
9265	6500 K (CRI > 90 / 2 SDCM)
AM	Amber
RE	Red
DR	Deep Red
LI	Lime
GR	Green
TU	Turquoise
AZ	Azure
BL	Blue
RB	Royal Blue

5 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

6 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 100° weiß

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