

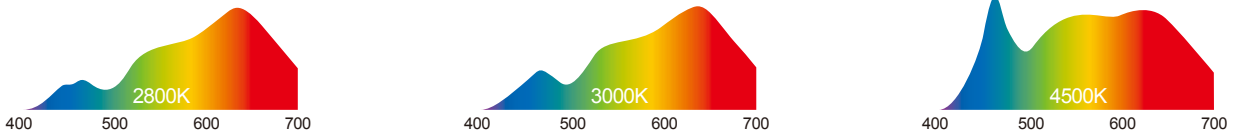
# TAV Series LED Track Light

## High CRI / Full Spectrum / Variable CCT



<b>CRI</b>	94 Typical
<b>Spectrum</b>	Full and Continuous Spectrum, No UV
<b>Beam Angle</b>	66° Wide Flood
<b>Input Voltage</b>	Universal 100-240V AC / 50-60 Hz
<b>Dimming</b>	Manual 100% to 8% with On/Off Switch
<b>Thermal</b>	Active Cooling (28 dBA max)
<b>Operating Temp</b>	0 to 40°C
<b>Dimensions / Weight</b>	5.8" x 7.4" x 4.8" / 2.4 lbs
<b>Material</b>	PC+ABS Housing / Aluminum Bracket
<b>Rotation / Tilt</b>	330° ± 145° (from Vertical Down)
<b>Accessory Mounting</b>	Clip On and Magnetic Attachment
<b>LED Source</b>	DiCon's Multi-Chip Dense Matrix LED
<b>Expected Life</b>	50,000 Hours / 70% Lumen Maintenance
<b>Warranty</b>	5 Years
<b>Standards</b>	Tested to LM79 and LM80 Protocols

### OPTICAL SPECTRUM



CRI Measurement	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	CRI Ra	CRI Extended
2800K	97	96	91	95	94	92	97	94	83	86	94	80	97	94	96	95	92
3000K	98	97	93	96	94	93	98	95	86	88	94	81	98	95	97	96	94
4500K	98	99	98	92	93	94	96	94	87	95	92	75	98	98	95	96	94

\*Values in this table are typical

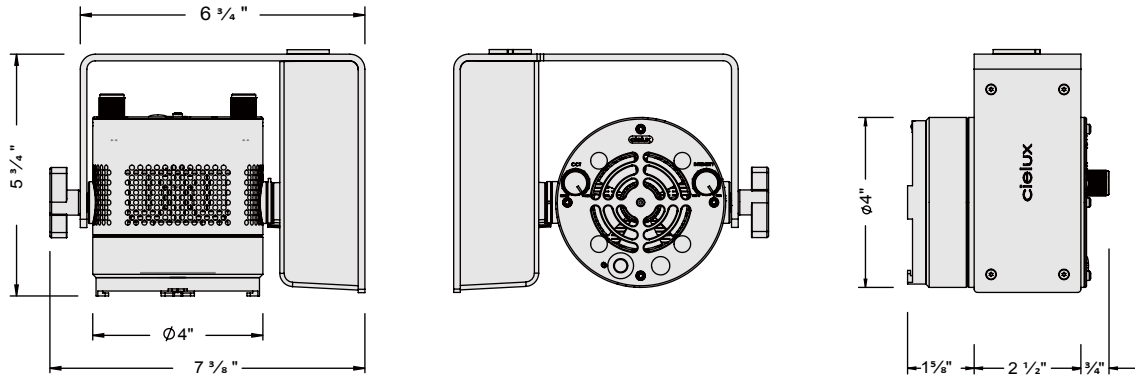
### ORDERING GUIDE

<b>TAV</b>	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<b>V1</b>	-	<b>WFD</b>	-	<b>M</b>	-	<b>U</b>
<b>Model</b>	<b>Finish</b>	<b>Track<sup>1</sup></b>	<b>CCT</b>	<b>Beam Angle</b>	<b>Control</b>	<b>Voltage</b>							
25 25W	<b>BK</b> Black	<b>TEK</b> TEK	<b>v1</b> 2800K -	<b>WFD</b> Wide	<b>M</b> Manual	<b>U</b> 100-240V							
40 40W	<b>WT</b> White	<b>ECO</b> ECO	4500K										
80 80W													

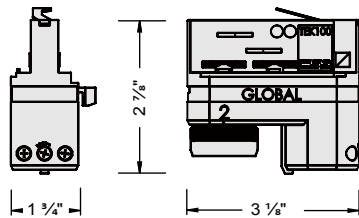
1. Refer to Mechanical Figures for track adapter info

Example: TAF80-BK-TEK-4000-WFD-M-U

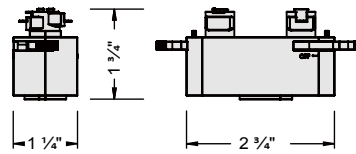
**MECHANICAL FIGURES**



Global TEK - 2 Circuit Track

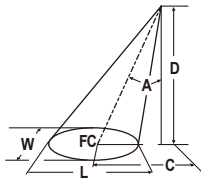


Global ECO, Halo - 1 Circuit Track



Contact manufacturer for compatibility with other track types.

**PHOTOMETRIC DATA**



- A** Aiming Angle
- C** Distance to Center of Beam (ft)
- CBCP** Center Beam Candle Power (cd)
- D** Distance (ft)
- FC** Footcandles (fc)
- L** Beam Length (ft)
- W** Beam Width (ft)

Fixed 3000K	Beam Angle	CBCP	A=0°				A=30°					A=45°					A=60°				
			D	FC*	L	W	D	C	FC*	L	W	D	C	FC*	L	W	D	C	FC*	L	W
Wide Flood	66°	1200	2.5	193	2.5	2.5	2.5	0.7	170	2.8	2.6	2.0	1.0	214	2.5	2.1	2.0	1.6	153	2.9	2.4
			3.5	98	3.5	3.5	3.5	0.9	118	3.3	3.1	3.0	1.6	95	3.7	3.2	2.5	2.0	98	3.6	3.0
			4.5	59	4.5	4.5	4.5	1.3	52	5.0	4.7	4.0	2.1	54	4.9	4.2	3.5	2.8	50	5.1	4.2
			6.0	33	6.0	6.0	5.5	1.6	35	6.4	5.7	5.0	2.6	34	6.1	5.3	4.5	3.6	30	6.5	5.4
Flood**	33°	2950	3.5	240	1.9	1.9	3.5	1.7	188	2.4	2.1	3.0	2.4	183	2.8	2.1	2.0	2.5	243	2.9	1.7
			5.0	118	2.7	2.7	4.5	2.2	114	3.1	2.7	4.0	3.2	103	3.7	2.8	3.0	3.7	108	4.3	2.6
			7.5	52	4.1	4.1	6.5	3.2	55	4.4	3.9	5.5	4.4	55	5.1	3.8	4.5	5.6	48	6.4	3.9
			9.5	33	5.2	5.2	8.5	4.2	32	5.8	5.4	7.0	5.6	34	6.5	4.9	5.5	6.8	32	7.9	4.7

\*Multiply by 0.54 for 40W and 0.36 for 25W \*\*With 2" Fresnel Lens (Optional Accessory)

**OPTIONAL ACCESSORIES**



**ABD4**  
Barndoor  
4"



**AFM2**  
Fresnel Lens  
2" (Magnetic)



**AGM2**  
Gel Holder  
2" (Magnetic)