

Products

T Series Large Venue Projectors



22,000/26,000lm High Brightness	ALPD® Laser Light Source	All-new Light Weight Design	Input Back-up	6 Optional Lens	3DLP® Projection System	Low Noise	Cinema Level Reliability

The Most Compact 30Klm Projector Available

By adopting the ALPD® laser technology, the T series is the most compact projectors above 30Klm now available in the market.

<p>Competitor 1</p> <p>Brightness: 22,000lm Size: 23.54" * 13.9" * 30.7"</p> <p>Competitor 1</p>	<p>Appotronics AL-TU26KA</p> <p>Brightness: 26,000lm Size: 23.93" * 11" * 30.7"</p> <p>Appotronics AL-TU26KA</p>	<p>Competitor 2</p> <p>Brightness: 26,000lm Size: 25.98" * 13.78" * 32.68"</p> <p>Competitor 2</p>
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Specifications

Model		AL-TU22KA	AL-TU26KA
Display Technology		DLP™x3, DLP™ projection system	
Resolution		1,920×1,200	
Brightness Output ^①		22,000 lm (ANSI)	26,000 lm (center)/ 25,000 lm (ANSI)
Light Source Type		ALPD [®] (Laser type: Class1)	
Life Source Lifetime ^②		20,000h	
Contrast ^③		100,000 :1	
Uniformity		90%	
Display Gamut		REC.709	
Edge Blending		Horizontal & vertical edge blending	
Optional Lenses		0.89-1.29:1, 1.28~1.81:1, 1.6~2.29:1, 2.13~4.16:1, 3.66-5.94:1, 4.5-8.2:1	
Screen Size		70" ~ 1000"	
Keystone		Vertical & horizontal ±20°	
Refresh Rate		WUXGA 120 fps; 4K decode, 4K 60 fps	
Band Width		600MHz	
Optical Axis Shift		Vertical: ±90%, Horizontal: ±40%, powered	
I/O		HDMI × 1 / DVI-D × 1 / HDBaseT × 1 / VGA × 1 / DisplayPort × 1 / RS-232 (IN & OUT) × 2 / Remote (IN & OUT) × 2 / USB × 1 / RJ-45 × 1 / 3D SYNC (IN & OUT) × 2 / IR 3D out × 1	
Power Supply		100-240V AC, 50/60Hz	
Power Consumption	Standard	2500W	2800W
	Stand by	<0.5W	
Structure	Measurements ^④	30" x 24" x 11"	
	Weight ^⑤	154 lbs	
Noise		49dB	
Working Environment	Temperature ^⑥	32°F~104°F	
	Humidity	20%~80% (no condensation)	

① Based on ISO21118 standard. ② Full white/full black. ③ Not including protruding parts. ④ Including standard lens. Average value. ⑤ Operation temperature will be set to 32°F~95°F when working under High Altitude Mode. Output of projector will be reduced to 50% if ambient temperature exceeds 95°F. ⑥ The output of the projector will have decreased by approximately 50% around this time. Data from accelerated lab simulations. Actual time may vary according to the operating modes, environment and other user behaviors.

Projection Image Size			Projection Distance																													
Diagonal	Width		Height		AL-TL080FR				AL-TL120FR				AL-TL134FR				AL-TL150FR				AL-TL170FR				AL-TL200LZ				AL-TL390TR			
	Inch	Meter	Feet	Meter	Min. (m)	Max. (m)	Min. (ft)	Max. (ft)	Min. (m)	Max. (m)	Min. (ft)	Max. (ft)	Min. (m)	Max. (m)	Min. (ft)	Max. (ft)	Min. (m)	Max. (m)	Min. (ft)	Max. (ft)	Min. (m)	Max. (m)	Min. (ft)	Max. (ft)	Min. (m)	Max. (m)	Min. (ft)	Max. (ft)				
100	2.15	7.05	1.35	4.43	1.72	5.6416	2.58	8.46	3.66	12.00	2.89	9.48	4.09	13.42	3.23	10.59	4.63	15.19	3.66	12.00	5.49	18.01	4.31	14.14	8.40	27.55	8.40	27.55	16.80	55.10		
120	2.58	8.46	1.62	5.31	2.07	6.79	3.10	10.17	4.39	14.40	3.46	11.35	4.91	16.10	3.88	12.73	5.56	18.24	4.39	14.40	6.59	21.62	5.17	16.96	10.08	33.06	10.08	33.06	20.16	66.12		
150	3.23	10.59	2.02	6.63	2.58	8.64	3.88	12.73	5.49	18.01	4.33	14.20	6.14	20.14	4.85	15.91	6.95	22.80	5.49	18.01	8.24	27.03	6.46	21.19	12.60	41.33	12.60	41.33	25.20	82.66		
200	4.31	14.14	2.69	8.82	3.45	11.32	5.17	16.96	7.32	24.01	5.77	18.93	8.18	26.83	6.46	21.19	9.26	30.37	7.32	24.01	10.98	36.01	8.62	28.27	16.80	55.10	16.80	55.10	33.60	110.21		
250	5.38	17.65	3.37	11.05	4.31	14.14	6.46	21.19	9.15	30.01	7.22	23.68	10.23	33.55	8.08	26.50	11.58	37.98	9.15	30.01	13.73	45.03	10.77	35.33	21.00	68.88	21.00	68.88	42.00	137.76		
300	6.46	21.19	4.04	13.25	5.17	16.96	7.75	25.42	10.98	36.01	8.66	28.40	12.28	40.28	9.69	31.78	13.89	45.56	10.98	36.01	16.48	54.05	12.92	42.38	25.20	82.66	25.20	82.66	50.40	165.31		
350	7.54	24.73	4.71	15.45	6.03	19.78	9.05	29.68	12.82	42.05	10.10	33.13	14.32	46.97	11.31	37.10	16.21	53.17	12.82	42.05	19.22	63.04	15.08	49.46	29.40	96.43	29.40	96.43	58.80	192.86		
400	8.62	28.27	5.38	17.65	6.89	22.60	10.34	33.92	14.65	48.05	11.54	37.85	16.37	53.69	12.92	42.38	18.52	60.75	14.65	48.05	21.97	72.06	17.23	56.51	33.60	110.21	33.60	110.21	67.20	220.42		
450	9.69	31.78	6.06	19.88	7.75	25.42	11.63	38.15	16.48	54.05	12.99	42.61	18.42	60.42	14.54	47.69	20.84	68.36	16.48	54.05	24.72	81.08	19.39	63.60	37.80	123.98	37.80	123.98	75.60	247.97		
500	10.77	35.33	6.73	22.07	8.62	28.27	12.92	42.38	18.31	60.06	14.43	47.33	20.46	67.11	16.15	52.97	23.15	75.93	18.31	60.06	27.46	90.07	21.54	70.65	42.00	137.76	42.00	137.76	84.00	275.52		
550	11.85	38.87	7.40	24.27	9.48	31.09	14.22	46.64	20.14	66.06	15.87	52.05	22.51	73.83	17.77	58.29	25.47	83.54	20.14	66.06	30.21	99.09	23.69	77.70	46.20	151.54	46.20	151.54	92.40	303.07		
600	12.92	42.38	8.08	26.50	10.34	33.92	15.51	50.87	21.97	72.06	17.32	56.81	24.55	80.52	19.39	63.60	27.79	91.15	21.97	72.06	32.95	108.08	25.85	84.79	50.40	165.31	50.40	165.31	100.80	330.62		
650	14.00	45.92	8.75	28.70	11.20	36.74	16.80	55.10	23.80	78.06	18.76	61.53	26.60	87.25	21.00	68.88	30.10	98.73	23.80	78.06	35.70	117.10	28.00	91.84	54.60	179.09	54.60	179.09	109.20	358.18		
700	15.08	49.46	9.42	30.90	12.06	39.56	18.09	59.34	25.63	84.07	20.20	66.26	28.65	93.97	22.62	74.19	32.42	106.34	25.63	84.07	38.45	126.12	30.15	98.89	58.80	192.86	58.80	192.86	117.60	385.73		
750	16.15	52.97	10.10	33.13	12.92	42.38	19.39	63.60	27.46	90.07	21.65	71.01	30.69	100.66	24.23	79.47	34.73	113.91	27.46	90.07	41.19	135.10	32.31	105.98	63.00	206.64	63.00	206.64	126.00	413.28		
800	17.23	56.51	10.77	35.33	13.79	45.23	20.68	67.83	29.29	96.07	23.09	75.74	32.74	107.39	25.85	84.79	37.05	121.52	29.29	96.07	43.94	144.12	34.46	113.03	67.20	220.42	67.20	220.42	134.40	440.83		
850	18.31	60.06	11.44	37.52	14.65	48.05	21.97	72.06	31.12	102.07	24.53	80.46	34.79	114.11	27.46	90.07	39.36	129.10	31.12	102.07	46.69	153.14	36.62	120.11	71.40	234.19	71.40	234.19	142.80	468.38		
900	19.39	63.60	12.12	39.75	15.51	50.87	23.26	76.29	32.95	108.08	25.98	85.21	36.83	120.80	29.08	95.38	41.68	136.71	32.95	108.08	49.43	162.13	38.77	127.17	75.60	247.97	75.60	247.97	151.20	495.94		
950	20.46	67.11	12.79	41.95	16.37	53.69	24.55	80.52	34.79	114.11	27.42	89.94	38.88	127.53	30.69	100.66	43.99	144.29	34.79	114.11	52.18	171.15	40.92	134.22	79.80	261.74	79.80	261.74	159.61	523.52		
1000	21.54	70.65	13.46	44.15	17.23	56.51	25.85	84.79	36.62	120.11	28.86	94.66	40.92	134.22	32.31	105.98	46.31	151.90	36.62	120.11	54.92	180.14	43.08	141.30	84.00	275.52	84.00	275.52	168.01	551.07		

