

KTAG-22L-700-28-9XX-RJ /G2

HIGH EFFICACY LINEAR LED MODULE

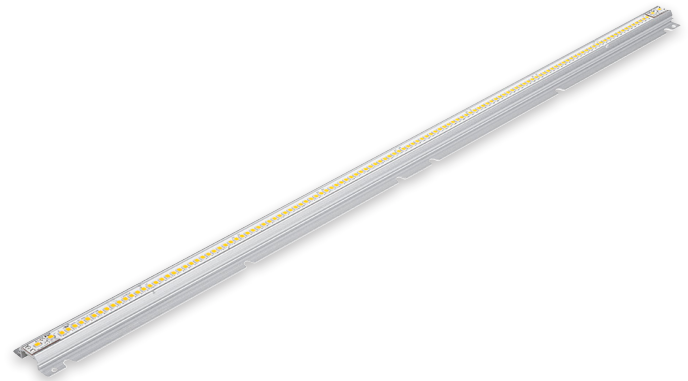
DESCRIPTION

High efficacy linear LED modules pre-mounted into aluminum extrusion via a patented manufacturing method, 22" Long.



RoHS
Compliant

5 YEAR
WARRANTY



MODULE TYPE: Linear

MAX MODULE POWER: 20W

MAX DRIVE CURRENT: 700mA

COLOR RENDERING INDEX (CRI): >90

RECOMMENDED WIRING: Parallel Connection

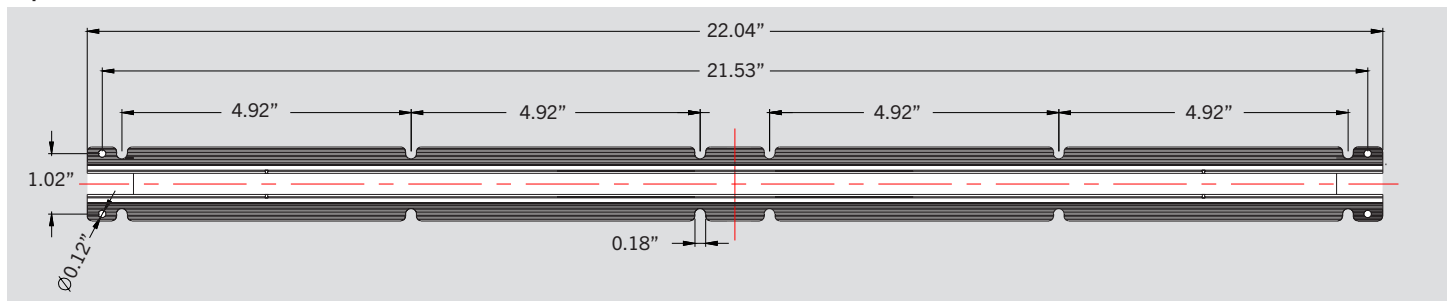
WARRANTY: 5 Years

PRODUCT FEATURES

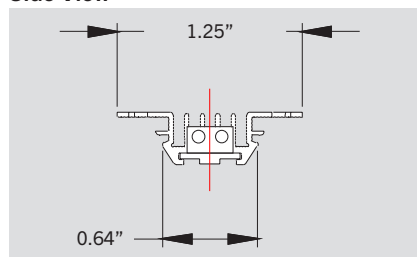
- For Use in Class 2 Lighting Systems Only
- High Lumen Density Design, Approx 1500 lm/ft
- Optional Lens Accessory
- Completely Heat Sunked, No Additional Heat Sinking Needed to maintain LED lifetime
- Low Profile, Push-In Connectors
- Made with UL Recognized Components
- 3-Step Color Binning
- 2835 LED Chip Package
- Reported Life Expectancy: L70 >54,000 hours at 85C° | L90 48,000 hours at 85C°
- Calculated Life Expectancy: L70 > 160,000 hours at 85C° | L90 48,000 hours at 85C°
- Linkable in parallel with different length AlumaGroove Modules

PHYSICAL SPECIFICATIONS

Top View



Side View



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PERFORMANCE SPECIFICATIONS

Drive Current mA	Volts	Watts	2700K				3000K				5000K			
			WITHOUT LENS		WITH LENS		WITHOUT LENS		WITH LENS		WITHOUT LENS		WITH LENS	
			Flux	Efficacy lm/W	Flux	Efficacy lm/W	Flux	Efficacy lm/W	Flux	Efficacy lm/W	Flux	Efficacy	Flux	Efficacy lm/W
700	28	19.60	2740	136	2494	120	2831	140	2557	124	2915	147	2645	130
660	28	18.48	2582	137	2351	121	2666	141	2413	125	2750	148	2496	131
620	28	17.36	2434	138	2210	122	2513	143	2268	126	2591	149	2351	132
580	28	16.24	2285	140	2076	124	2360	144	2133	127	2432	151	2208	133
540	28	15.12	2136	141	1942	125	2205	146	1993	129	2272	152	2065	135
500	28	14.00	1985	143	1806	127	2051	148	1854	130	2112	154	1920	136
460	28	12.88	1833	144	1670	128	1895	149	1714	132	1951	156	1773	138
420	28	11.76	1681	146	1528	129	1738	151	1569	133	1788	157	1625	139
380	28	10.64	1529	148	1391	131	1580	153	1427	135	1624	159	1474	141
340	28	9.52	1374	149	1250	133	1420	154	1284	136	1459	161	1325	143
300	28	8.40	1218	151	1110	135	1259	156	1139	138	1293	162	1174	144
260	28	7.28	1060	153	966	136	1097	158	991	140	1124	164	1022	146
220	28	6.16	901	155	819	138	932	160	841	141	954	166	869	148
180	28	5.04	740	157	674	140	765	162	690	143	783	168	711	149
140	28	3.92	577	159	525	141	596	164	538	145	610	170	554	151
100	28	2.80	412	160	375	143	426	166	385	147	436	171	396	153

* Nominal Values Shown. Actual Values May Vary Based on Tolerances and Ambient Temperature.

Circuit Layout	
No. of LED's in Series	No. of LED's in Parallel
10	8

ACCESSORIES

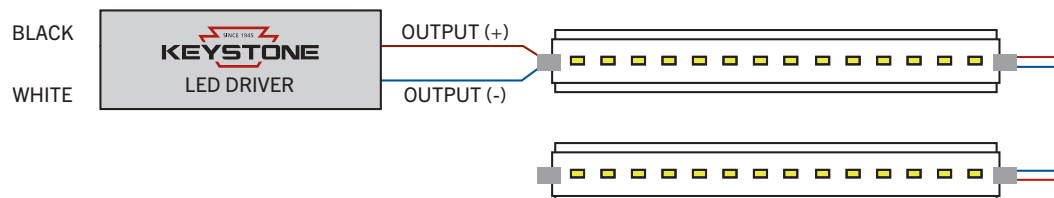
Lens	KTAG-22L-LENS*
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*Polycarbonate, Flammability Rating V-2

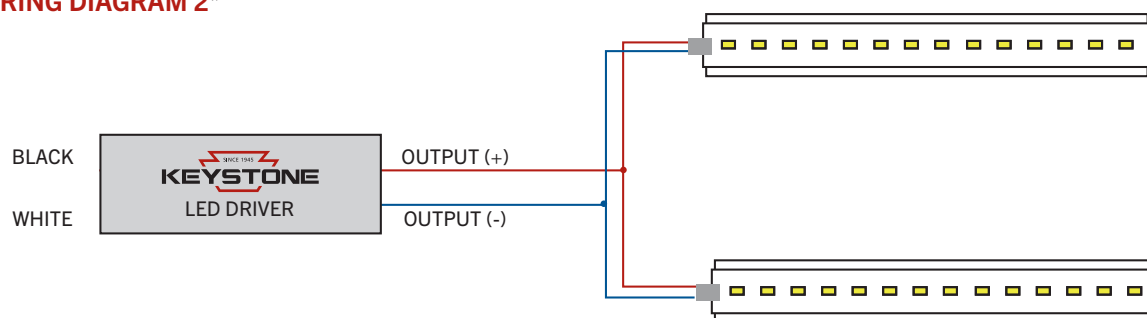
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WIRING DIAGRAM 1*



WIRING DIAGRAM 2*



* Not to exceed a total of 8' total length for end-to-end parallel connections and not to exceed 2A input into any one connector.

ORDERING INFORMATION

Catalog Number	UPC	Easy Code
KTAG-22L-700-28-927-RJ /G2	843654140612	QYG-55
KTAG-22L-700-28-930-RJ /G2	843654140629	TWS-62
KTAG-22L-700-28-940-RJ /G2	843654140636	CIO-76
KTAG-22L-700-28-950-RJ /G2	843654140643	VDK-89

CATALOG NUMBER BREAKDOWN

KTAG-22L-700-28-9XX-RJ /G2

1

2

3

4

5

6

7

8

1 Keystone Technologies AlumaGroove

2 Nominal Length

3 Max. Drive Current

4 Nominal Forward Voltage

5 90 CRI

6 Color Temperature

7 Rear-Junction Connection

8 Second Generation