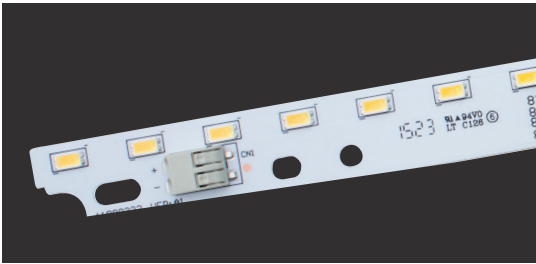




SL SERIES LINEAR MODULES

KTLM-11L-280-24-9XX



High efficacy LED modules for linear fixture applications

MODULE TYPE: Linear	COLOR RENDERING INDEX (CRI): >90
MAX MODULE POWER: 6.6W	RECOMMENDED WIRING: Parallel Connection
MAX DRIVE CURRENT: 280mA	WARRANTY: 5 Years

PRODUCT FEATURES

- For use in class 2 lighting systems
- Highly reflective white soldermask
- (2) Low profile WAGO 2060 2 pole push connectors per module
- UI recognized components
- Single-sided FR4 substrate
- 3.5-Step MacAdam color binning
- 90 CRI modules have a nominal 900 lumens/foot
- Reported L70 >= 54,000 hours @ < 85°C/185°F
- Calculated L70 >=87,000 hours @ <85°C/185°F
- Maximum board temperature at tc point: 85°C/185°F

PERFORMANCE SPECIFICATIONS

Drive Current (mA)	Volts	Watts	2700K		3000K		3500K		4000K		5000K	
			Flux	Efficacy	Flux	Efficacy	Flux	Efficacy	Flux	Efficacy	Flux	Efficacy
280	23.5	6.6	836	127	882	134	908	138	948	144	950	144
255	23.3	5.9	766	129	808	136	832	140	867	146	870	146
230	23.0	5.3	693	131	730	138	752	142	789	149	795	149
205	22.8	4.7	622	133	654	140	678	145	706	151	708	151
180	22.5	4.1	547	135	576	142	596	147	620	153	622	153
155	22.3	3.5	473	137	501	145	515	149	535	155	537	155
130	22.1	2.9	399	139	422	147	434	151	454	158	465	158
105	22.9	2.3	325	141	342	149	352	153	369	160	371	160
80	21.8	1.7	249	143	263	151	270	155	283	162	284	162
55	21.6	1.2	172	145	182	153	188	158	195	164	196	164

*Nominal Values Shown. Actual values may vary based on tolerance and ambient temperature.

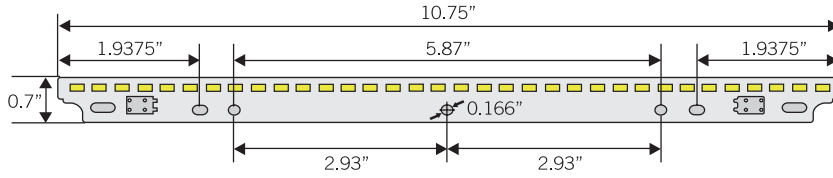
Circuit Layout	
No. of LED's in Series	No. of LED's in Parallel
8	4



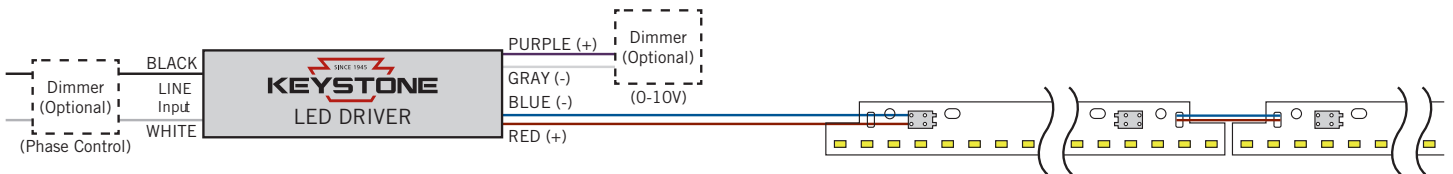
SL SERIES LINEAR MODULES

KTLM-11L-280-24-9XX

DIMENSIONS



WIRING DIAGRAM



CATALOG NUMBER BREAKDOWN

Modules

KTLM-11L-280-24-9XX

Keystone Technologies LED Module	Nominal Length	Max. Drive Current	Nominal Forward Voltage	900 Color Series Temp.
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