

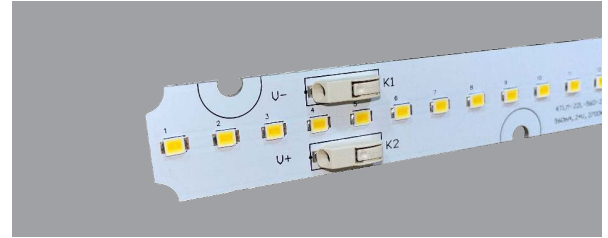


LINEAR MODULES

KTLM-11L-280-24-8XX /G2 HIGH OUTPUT LINEAR MODULES

DESCRIPTION

RoHS
Compliant

**5 YEAR
WARRANTY**

MODULE TYPE: Linear

MAX MODULE POWER: 6.2W

MAX DRIVE CURRENT: 280mA

COLOR RENDERING INDEX (CRI): >80

RECOMMENDED WIRING: Parallel Connection

WARRANTY: 5 Years

PRODUCT FEATURES

- Slim Low Profile Led Modules for Linear Lighting Applications
- For Use in Class 2 Lighting Systems
- Highly Reflective White Soldermask
- (2 sets) Low Profile Connectors per Module
- UL Recognized Components
- Aluminum Substrate
- 3-Step MacAdam Color Binning
- 80 CRI modules have a nominal 1100 lumens/foot
- Reported L70 >= 54,000 hours @ < 85°C/185°F
- Calculated L70 >= 100,000 hours @ < 85°C/185°F
- Maximum Board Temperature at Tc Point: 85°C/185°F

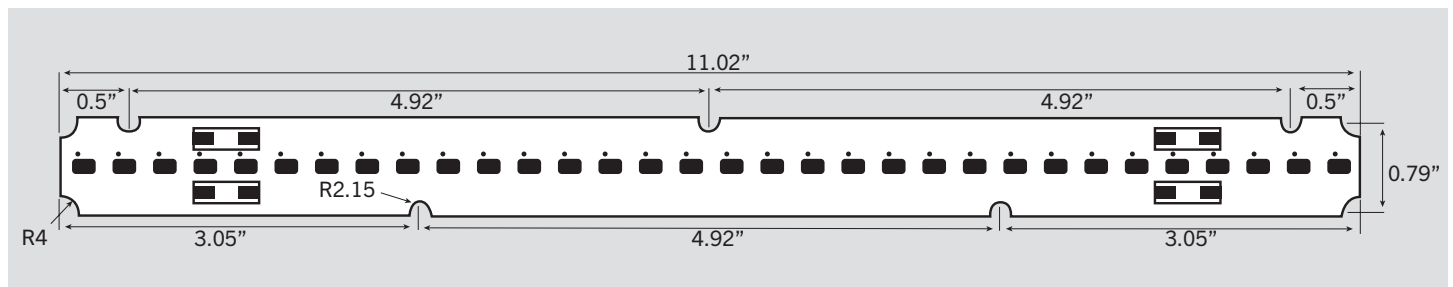
PERFORMANCE SPECIFICATIONS

Drive Current (mA)	Volts	Watts	3000K		3500K		4000K		5000K	
			Flux	Efficacy	Flux	Efficacy	Flux	Efficacy	Flux	Efficacy
280	22.09	6.2	1087	175	1119	180	1156	186	1199	193
270	22.04	5.9	1050	178	1081	183	1117	189	1158	196
260	22.00	5.7	1013	178	1044	183	1077	189	1117	196
250	21.96	5.5	976	177	1006	183	1039	189	1076	196
240	21.92	5.3	939	177	968	183	999	188	1035	195
230	21.88	5.0	902	180	930	186	960	192	994	199
220	21.83	4.8	865	180	892	186	920	192	953	199
210	21.79	4.6	828	180	853	185	880	191	911	198
200	21.75	4.3	790	184	814	189	840	195	870	202
190	21.71	4.1	752	183	774	189	800	195	828	202
180	21.67	3.9	714	183	736	189	760	195	786	202
170	21.62	3.7	676	183	696	188	719	194	744	201
160	21.58	3.4	638	188	657	193	678	199	702	206
150	21.53	3.2	599	188	657	193	678	199	659	206

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

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

PRODUCT SPECIFICATIONS

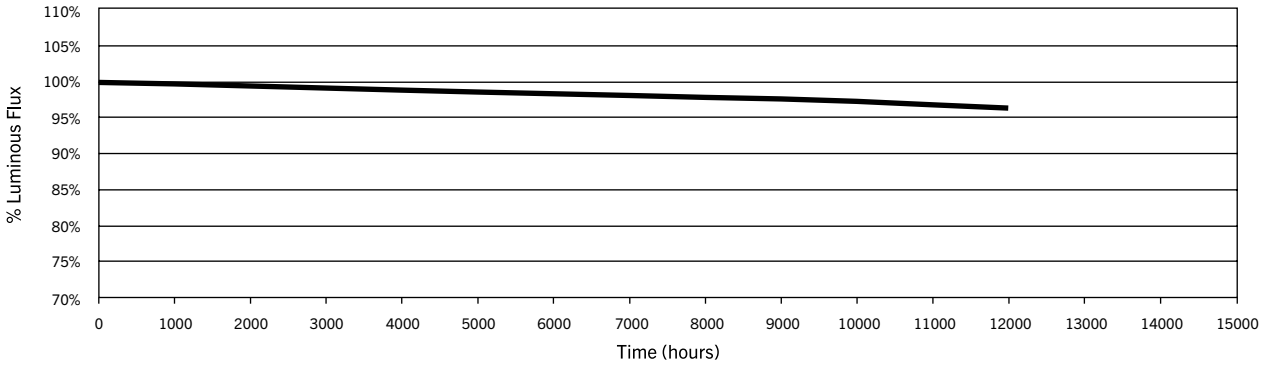




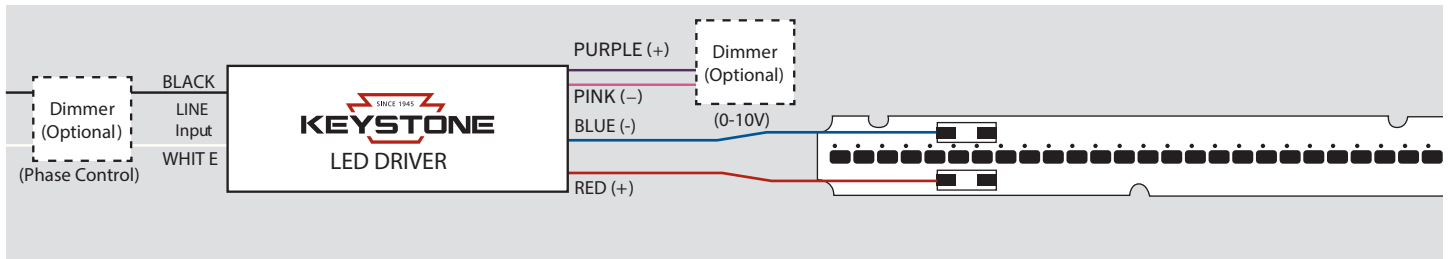
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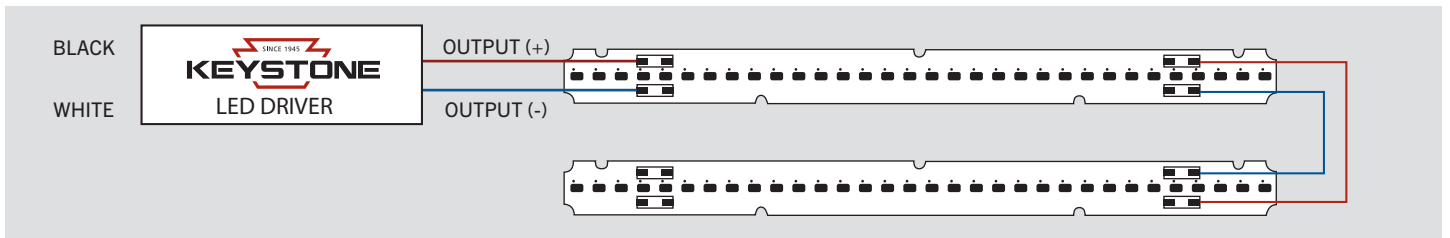
AVERAGE LUMEN MAINTENANCE VS. TIME



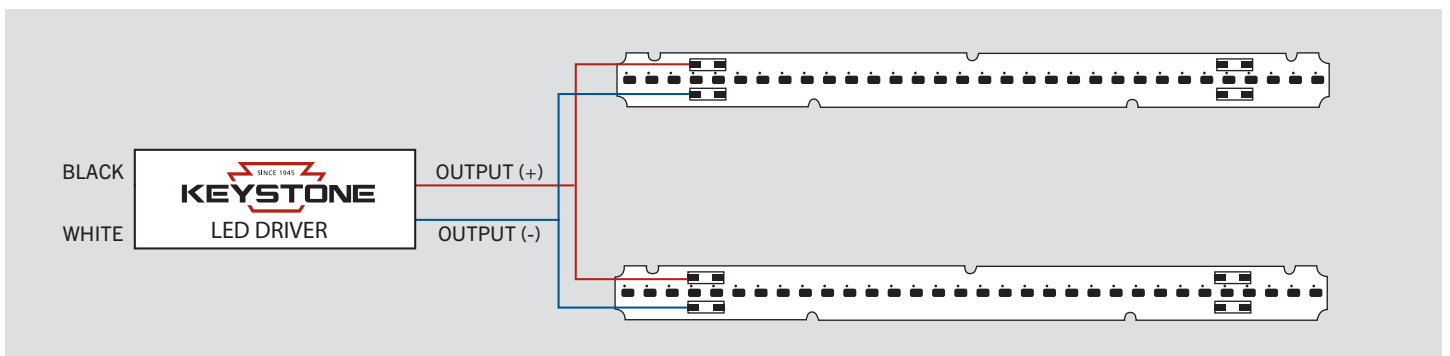
WIRING DIAGRAM (SINGLE MODULE)



WIRING DIAGRAM (PARALLEL OPTION 1)



WIRING DIAGRAM (PARALLEL OPTION 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.
 * Wiring Above assumes parallel wiring, please contact Keystone for assistance if other wiring configurations are required



LINEAR MODULES

KTLM-11L-280-24-8XX /G2

HIGH OUTPUT LINEAR MODULES

ORDERING INFORMATION

Order Code	Pack Quantity	UPC	Easy Code
KTLM-11L-280-24-830 /G2	1	843654150383	XPR-15
KTLM-11L-280-24-835 /G2	1	843654150390	PRK-31
KTLM-11L-280-24-840 /G2	1	843654150406	RAP-67
KTLM-11L-280-24-850 /G2	1	843654150413	GWP-91

CATALOG NUMBER BREAKDOWN

KTLM-11L-280-24-8XX /G2

1 2 3 4 5 6 7

- 1** Keystone Technologies LED Module
- 2** Nominal Length
- 3** Max. Drive Current
- 4** Nominal Forward Voltage
- 5** 80 CRI
- 6** Color Temperature
- 7** 2nd Generation