



LINEAR MODULES

KTLM-22L-560-24-8XX /G2

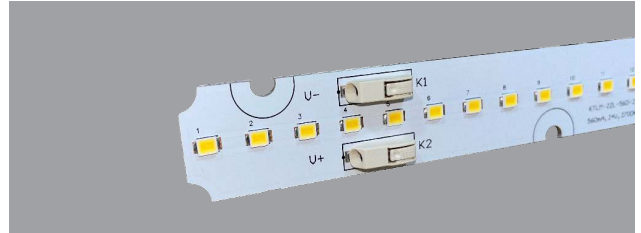
HIGH-EFFICACY LINEAR MODULES

DESCRIPTION

RoHS
Compliant

5 YEAR
WARRANTY

MODULE TYPE: Linear
MAX MODULE POWER: 12.4W
MAX DRIVE CURRENT: 560mA
COLOR RENDERING INDEX (CRI): >80
RECOMMENDED WIRING: Parallel Connection
WARRANTY: 5 Years



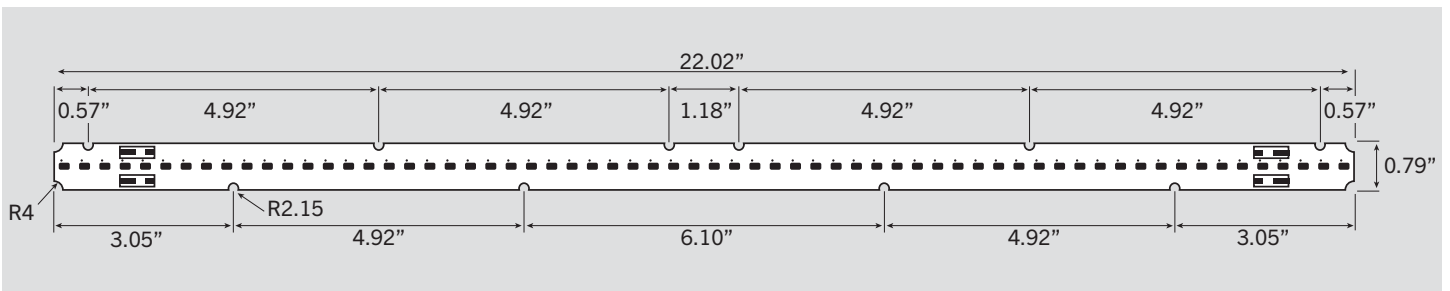
PRODUCT FEATURES

- 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 $\geq$ 54,000 hours @ $< 85^{\circ}\text{C}/185^{\circ}\text{F}$
- Calculated L70 $\geq$ 100,000 hours @ $< 85^{\circ}\text{C}/185^{\circ}\text{F}$
- Maximum Board Temperature at Tc Point: $85^{\circ}\text{C}/185^{\circ}\text{F}$

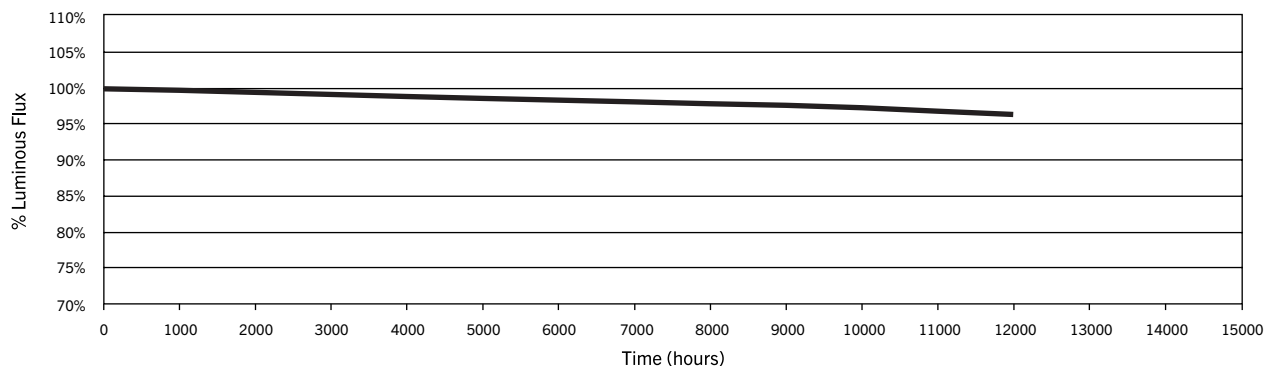
PERFORMANCE SPECIFICATIONS

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

PRODUCT SPECIFICATIONS



AVERAGE LUMEN MAINTENANCE VS. TIME





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PERFORMANCE SPECIFICATIONS

Drive Current (mA)	Volts	Watts	3000K		3500K		4000K		5000K	
			Flux	Efficacy	Flux	Efficacy	Flux	Efficacy	Flux	Efficacy
560	22.19	12.4	2177	176	2220	179	2264	183	2403	194
550	22.16	12.2	2137	175	2182	179	2226	182	2359	193
540	22.13	12.0	2100	175	2144	179	2188	182	2319	193
530	22.11	11.7	2063	176	2107	180	2150	184	2278	195
520	22.09	11.5	2026	176	2069	180	2112	184	2237	195
510	22.06	11.3	1989	176	2032	180	2074	184	2196	194
500	22.04	11.0	1952	177	1994	181	2035	185	2155	196
490	22.02	10.8	1915	177	1956	181	1997	185	2114	196
480	22.00	10.6	1878	177	1918	181	1958	185	2072	195
470	21.97	10.3	1841	179	1881	183	1920	186	2030	197
460	21.95	10.1	1804	179	1843	182	1882	186	1990	197
450	21.93	9.9	1766	178	1805	182	1843	186	1949	197
440	21.91	9.6	1729	180	1767	184	1804	188	1907	199
430	21.88	9.6	1692	176	1729	180	1765	184	1865	194
420	21.86	9.2	1654	180	1690	184	1726	188	1823	198
410	21.84	9.0	1616	180	1652	184	1687	187	1782	198
400	21.81	8.7	1579	181	1614	186	1648	189	1740	200
390	21.79	8.5	1541	181	1575	185	1608	189	1698	200
380	21.77	8.3	1503	181	1536	185	1568	189	1657	200
370	21.74	8.0	1465	183	1497	187	1529	191	1615	202
360	21.72	7.8	1427	183	1459	187	1490	191	1573	202
350	21.70	7.6	1390	183	1420	187	1450	191	1531	201
340	21.67	7.4	1352	183	1381	187	1410	191	1489	201
330	21.65	7.1	1313	185	1342	189	1371	193	1447	204
320	21.62	6.9	1275	185	1303	189	1331	193	1404	203
310	21.60	6.7	1237	185	1264	189	1291	193	1362	203
300	21.57	6.5	1198	184	1225	188	1251	192	1318	203
290	21.55	6.3	1159	184	1185	188	1210	192	1276	203
280	21.52	6.0	1121	187	1145	191	1169	195	1233	206
270	21.50	5.8	1082	187	1106	191	1129	195	1190	205
260	21.47	5.6	1044	186	1066	190	1088	194	1148	205
250	21.44	5.4	1005	186	1026	190	1047	194	1105	205

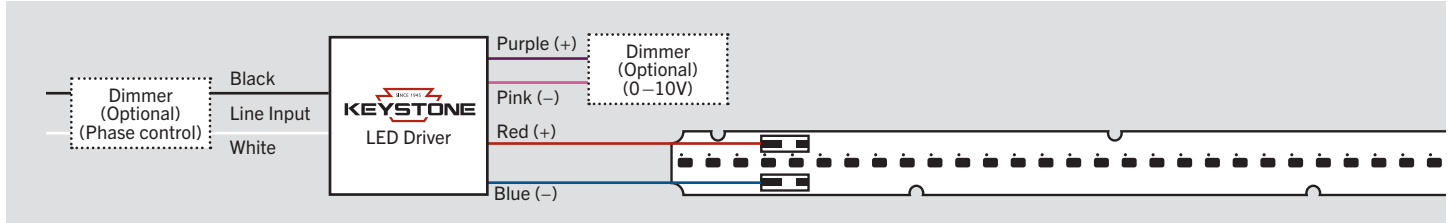
*Nominal Values Shown. Actual values may vary based on tolerance and ambient temperature.



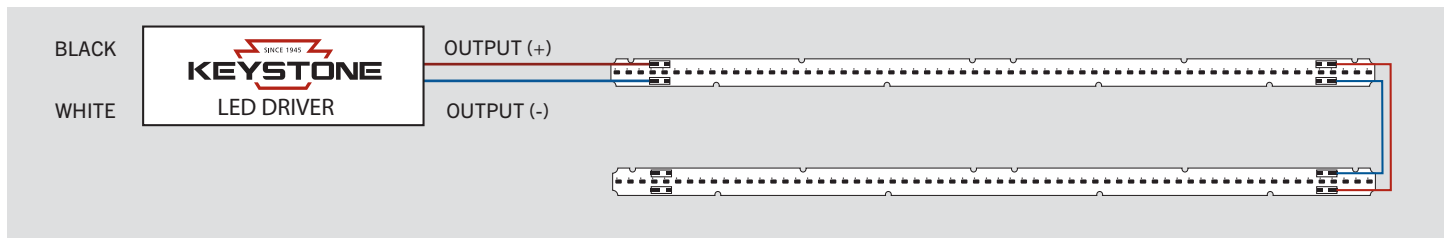
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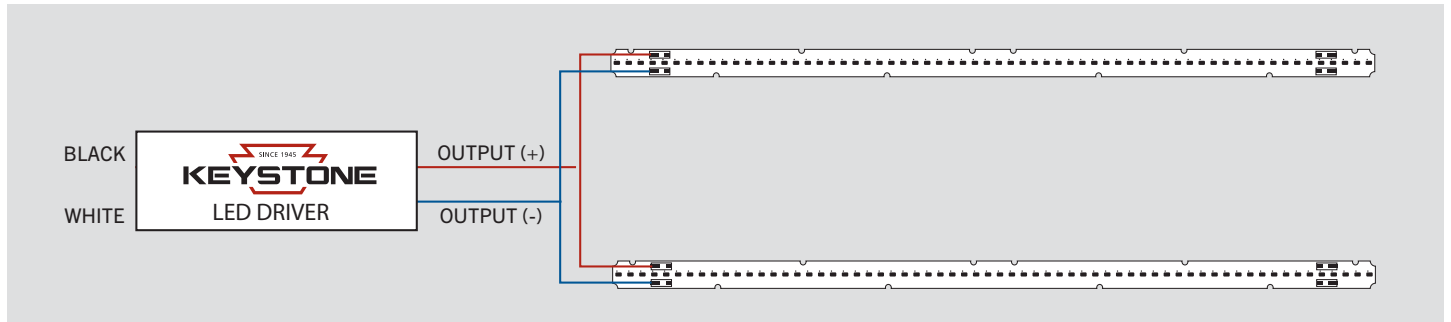
WIRING DIAGRAM (SINGLE MODULE)



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

ORDERING INFORMATION

Order Code	Pack Quantity	Easy Code	UPC
KTLM-22L-560-24-830 /G2	1	843654150420	STJ-65
KTLM-22L-560-24-835 /G2	1	843654150437	ZOY-19
KTLM-22L-560-24-840 /G2	1	843654150444	RMA-75
KTLM-22L-560-24-850 /G2	1	843654150451	EPR-73

CATALOG NUMBER BREAKDOWN

KTLM-22L-560-24-8XX /G2

1 2 3 4 5 6 7

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