



LINEAR MODULES

KTLM-22L-560-48-8XX /G2

HIGH OUTPUT LINEAR MODULES

DESCRIPTION

RoHS
Compliant



5 YEAR
WARRANTY

MODULE TYPE: Linear

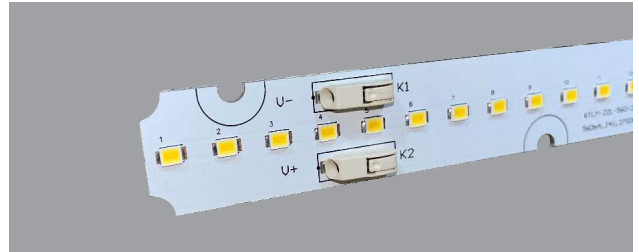
MAX MODULE POWER: 25.1W

MAX DRIVE CURRENT: 560mA

COLOR RENDERING INDEX (CRI): > 80

RECOMMENDED WIRING: Parallel connection

WARRANTY: 5 years



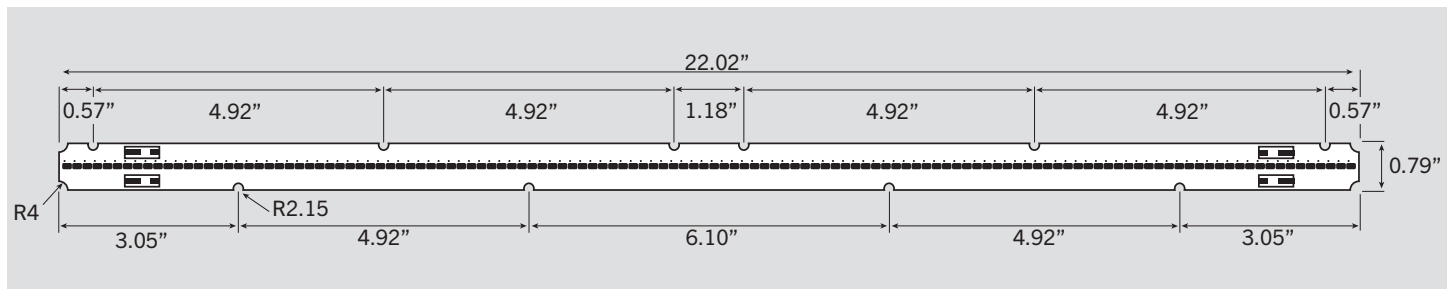
PRODUCT FEATURES

- 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 2,200 lumens/foot
- Reported L70 $\geq$ 54,000 hours @ < 85°C/185°F
- Calculated L70 $\geq$ 100,000 hours @ < 85°C/185°F
- Maximum board temperature at Tc point: 85°C/185°F

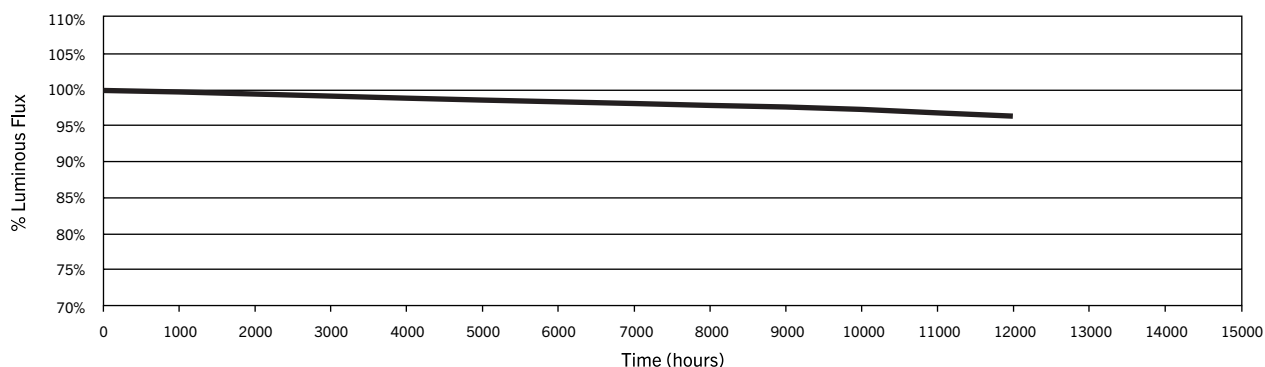
CIRCUIT SPECIFICATIONS

No. of LEDs in Series	No. of LEDs in Parallel
16	6

PRODUCT SPECIFICATIONS



AVERAGE LUMEN MAINTENANCE VS. TIME





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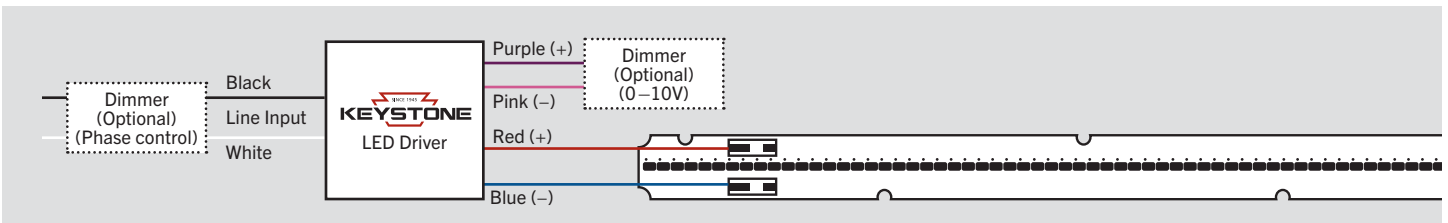
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PERFORMANCE SPECIFICATIONS

Drive Current (mA)	Volts	Watts	3000K		3500K		4000K		5000K	
			Flux	Efficacy	Flux	Efficacy	Flux	Efficacy	Flux	Efficacy
560	44.74	25.1	4281	171	4454	177	4494	179	4689	187
550	44.64	24.6	4200	171	4367	178	4409	179	4584	186
540	44.58	24.1	4126	171	4291	178	4331	180	4502	187
530	44.53	23.6	4054	172	4217	179	4256	180	4422	187
520	44.48	23.1	3983	172	4143	179	4181	181	4343	188
510	44.43	22.7	3911	172	4068	179	4106	181	4263	188
500	44.38	22.2	3840	173	3993	180	4031	182	4184	188
490	44.33	21.7	3768	174	3918	181	3956	182	4105	189
480	44.28	21.3	3697	174	3843	180	3880	182	4026	189
470	44.24	20.8	3625	174	3768	181	3805	183	3948	190
460	44.19	20.3	3553	175	3693	182	3730	184	3869	191
450	44.14	19.9	3480	175	3619	182	3654	184	3790	190
440	44.09	19.4	3408	176	3544	183	3577	184	3712	191
430	44.04	18.9	3336	177	3468	183	3500	185	3632	192
420	43.99	18.5	3262	176	3394	183	3424	185	3557	192
410	44.94	18.0	3189	177	3317	184	3348	186	3477	193
400	43.90	17.6	3116	177	3242	184	3272	186	3397	193
390	43.85	17.1	3043	178	3165	185	3195	187	3317	194
380	43.80	16.6	2970	179	3089	186	3118	188	3236	195
370	43.75	16.2	2896	179	3012	186	3039	188	3158	195
360	43.70	15.7	2822	180	2936	187	2962	189	3078	196
350	43.65	15.3	2749	180	2859	187	2884	188	2997	196
340	43.59	14.8	2675	181	2782	188	2807	190	2916	197
330	43.54	14.4	2601	181	2705	188	2729	190	2835	197
320	43.49	13.9	2526	182	2628	189	2650	191	2754	198
310	43.44	13.5	2451	182	2550	189	2572	191	2672	198
300	43.38	13.0	2375	183	2471	190	2493	192	2590	199
290	43.33	12.6	2299	182	2393	190	2413	192	2507	199
280	43.28	12.1	2224	184	2314	191	2334	193	2425	200
270	43.22	11.7	2148	184	2235	191	2254	193	2342	200
260	43.17	11.2	2072	185	2155	192	2173	194	2259	202
250	43.11	10.8	1996	185	2077	192	2093	194	2178	202

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

WIRING DIAGRAM (SINGLE MODULE)



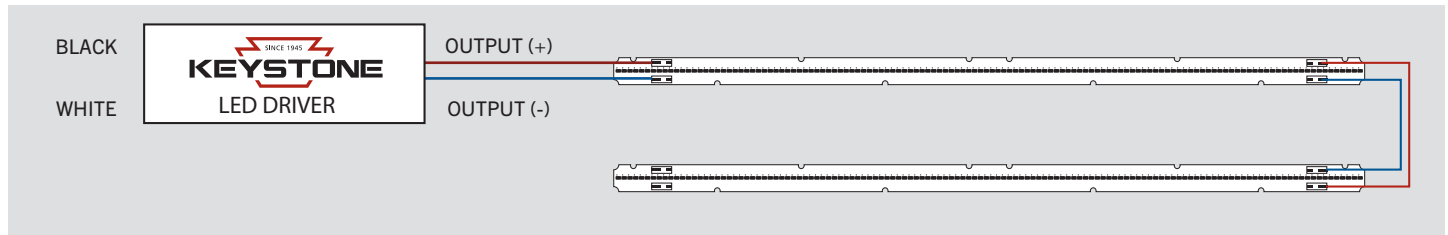


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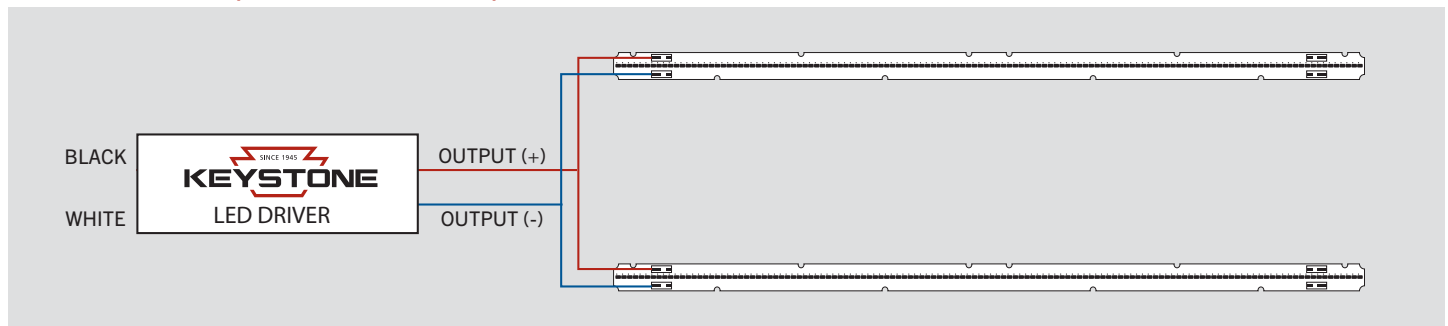
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WIRING DIAGRAM (PARALLEL OPTION 1)



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-560-48-830 /G2	1	843654150505	QLR-29
KTLM-22L-560-48-835 /G2	1	843654150512	NMT-90
KTLM-22L-560-48-840 /G2	1	843654150529	HUP-14
KTLM-22L-560-48-850 /G2	1	843654150536	VJJ-11
KTLM-22L-560-48-835 /G2-BP	250pc	843654157436	BNO-48
KTLM-22L-560-48-840 /G2-BP	250pc	843654157443	MJE-57
KTLM-22L-560-48-850 /G2-BP	250pc	843654157450	EZS-63

CATALOG NUMBER BREAKDOWN

KTLM-22L-560-48-8XX /G2

1 2 3 4 5 6 7 8

- 1 Keystone Technologies LED Module
- 2 Nominal Length
- 3 Max. Drive Current
- 4 Nominal Forward Voltage

- 5 80 CRI
- 6 Color Temperature
- 7 Generation 2
- 8 Packaging style

8 Packaging style

	1 pack
-BP	Bulk Pack