



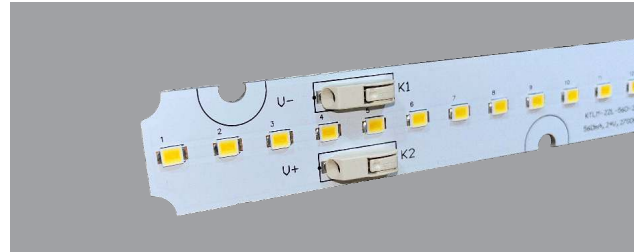
LINEAR MODULES

KTLM-22L-560-48-8XX /G2 HIGH OUTPUT LINEAR MODULES

DESCRIPTION



MODULE TYPE: Linear
MAX MODULE POWER: 26.9W
MAX DRIVE CURRENT: 560mA
COLOR RENDERING INDEX (CRI): > 80
RECOMMENDED WIRING: Parallel connection
WARRANTY: 5 years



PRODUCT FEATURES

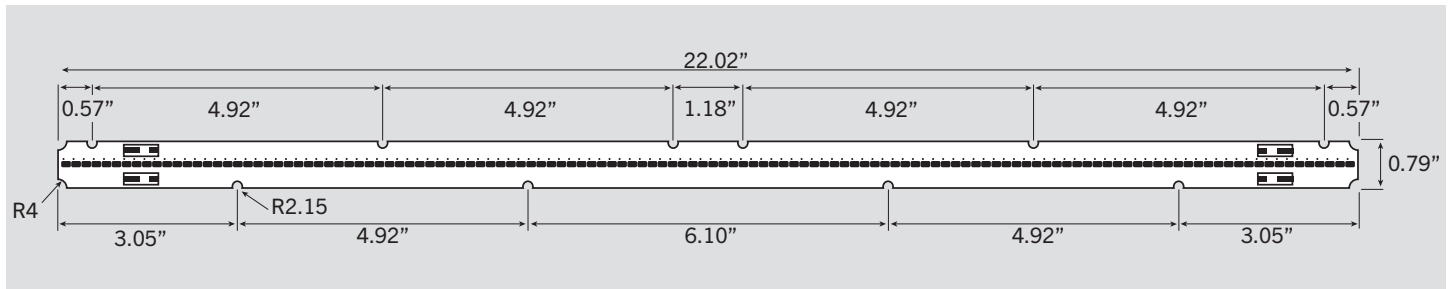
- Slim Low Profile Led Modules for Linear Lighting Applications
- For use in Class 2 lighting systems
- Highly reflective white soldermask
- (2 sets) Low Profile Connectors per Module
- UL recognized components

- Aluminum substrate
- 3-step MacAdam color binning
- 80 CRI modules have a nominal 2,200 lumens/foot
- Reported L70 ≥ 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

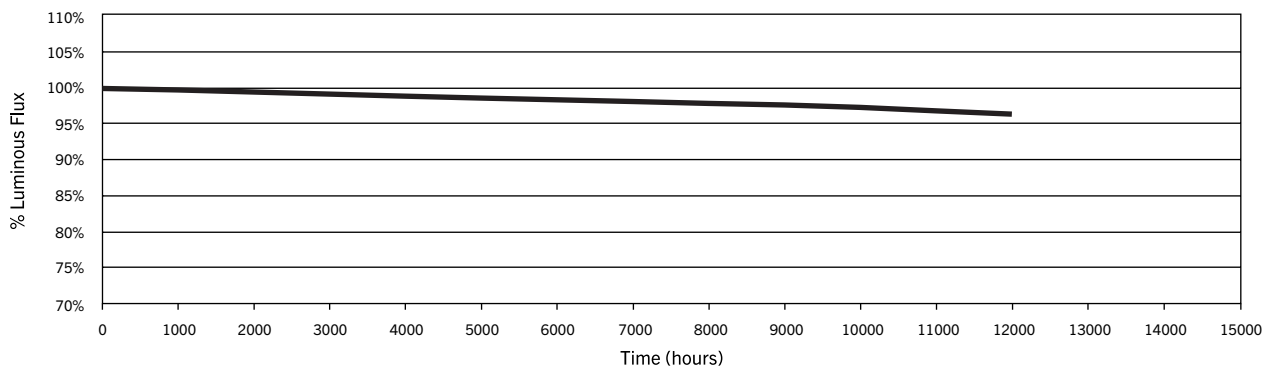
CIRCUIT SPECIFICATIONS

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

PRODUCT SPECIFICATIONS



AVERAGE LUMEN MAINTENANCE VS. TIME





LINEAR MODULES

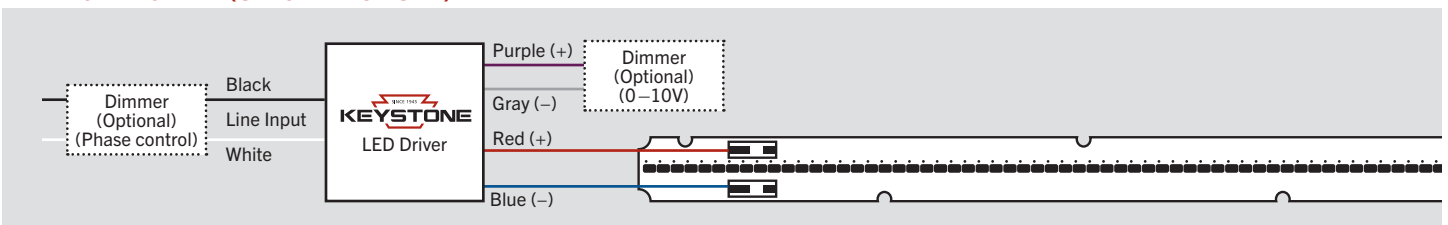
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PERFORMANCE SPECIFICATIONS

Drive Current (mA)	Volts	Watts	3000K		3500K		4000K		5000K	
			Flux	Efficacy	Flux	Efficacy	Flux	Efficacy	Flux	Efficacy
560	46.18	25.86	4276	165	4323	167	4494	174	4544	176
550	46.12	25.37	4213	166	4258	168	4427	175	4474	176
540	46.06	24.87	4151	167	4193	169	4359	175	4406	177
530	46.00	24.38	4087	168	4130	169	4287	176	4337	178
520	45.94	23.89	4025	168	4064	170	4220	177	4268	179
510	45.88	23.40	3958	169	3997	171	4151	177	4199	179
500	45.82	22.91	3893	170	3928	171	4083	178	4130	180
490	45.76	22.42	3825	171	3860	172	4012	179	4060	181
480	45.70	21.94	3759	171	3794	173	3942	180	3990	182
470	45.64	21.45	3691	172	3726	174	3871	180	3914	182
460	45.58	20.97	3625	173	3658	174	3798	181	3843	183
450	45.51	20.48	3557	174	3587	175	3728	182	3770	184
440	45.45	20.00	3488	174	3519	176	3656	183	3696	185
430	45.38	19.51	3419	175	3445	177	3583	184	3623	186
420	45.32	19.03	3348	176	3376	177	3510	184	3553	187
410	45.25	18.55	3278	177	3304	178	3436	185	3479	188
400	45.18	18.07	3216	178	3234	179	3363	186	3401	188
390	45.12	17.60	3138	178	3162	180	3288	187	3325	189
380	45.07	17.13	3073	179	3090	180	3214	188	3248	190
370	45.01	16.65	3002	180	3014	181	3137	188	3171	190
370	45.01	16.65	3002	180	3014	181	3137	188	3171	190
360	44.94	16.18	2917	180	2941	182	3060	189	3095	191
350	44.80	15.68	2852	182	2867	183	2983	190	3021	193
340	44.73	15.21	2780	183	2793	184	2907	191	2941	193
330	44.66	14.74	2707	184	2719	184	2828	192	2865	194
320	44.58	14.27	2630	184	2642	185	2750	193	2785	195
310	44.52	13.80	2556	185	2564	186	2671	194	2706	196
300	44.43	13.33	2483	186	2488	187	2592	194	2627	197
290	44.37	12.87	2407	187	2412	187	2511	195	2544	198
280	44.3	12.40	2330	188	2334	188	2437	196	2466	199
270	44.22	11.94	2253	189	2257	189	2356	197	2382	200
260	44.15	11.48	2177	190	2181	190	2274	198	2300	200
250	44.09	11.02	2101	191	2102	191	1766	160	2217	201

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

WIRING DIAGRAM (SINGLE MODULE)

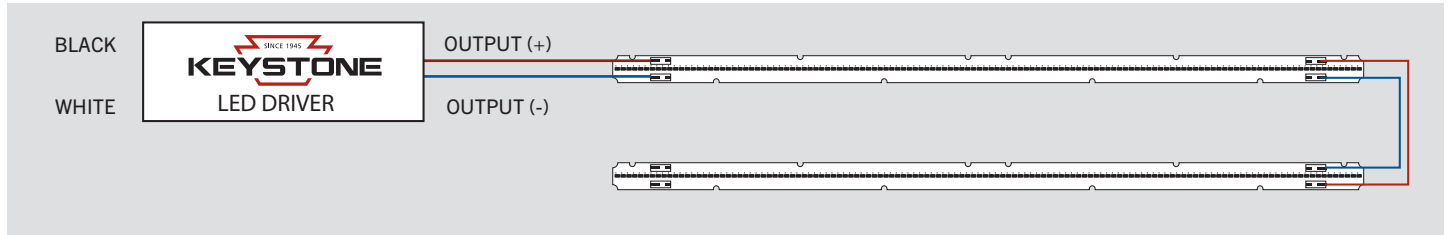




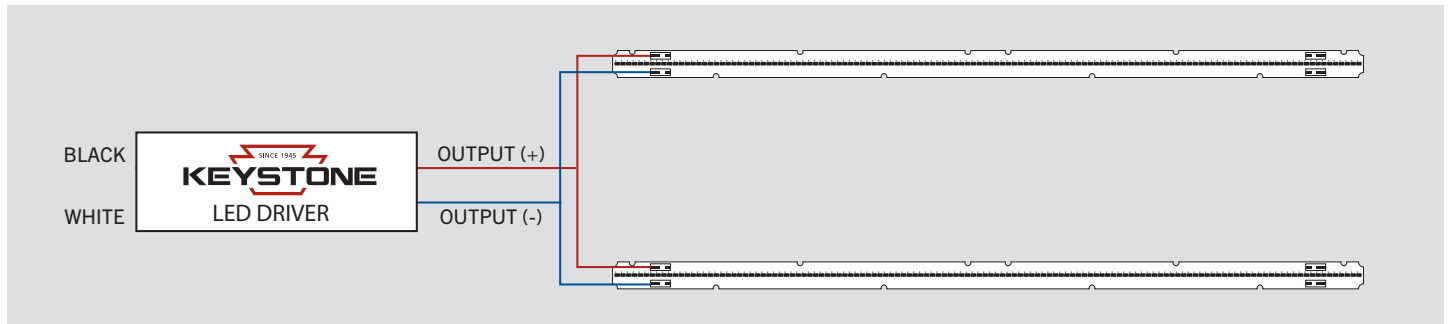
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WIRING DIAGRAM (PARALLEL OPTION 1)



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
							1 pack
							-BP Bulk Pack