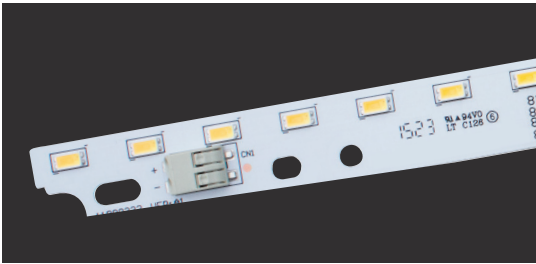




SL SERIES LINEAR MODULES

KTLM-44L-1120-24-8XX



High efficacy LED modules for linear fixture applications

MODULE TYPE: Linear	COLOR RENDERING INDEX (CRI): >80
MAX MODULE POWER: 26.3W	RECOMMENDED WIRING: Parallel Connection
MAX DRIVE CURRENT: 1120mA	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
- UL Recognized Components
- Single-Sided FR4 Substrate
- 3.5-Step MacAdam Color Binning
- 80 CRI modules have a nominal 1100 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	3000K		3500K		4000K		5000K	
			Flux	Efficacy	Flux	Efficacy	Flux	Efficacy	Flux	Efficacy
1120	23.5	26.3	4211	160	4343	165	4422	168	4474	170
1020	23.3	23.8	3850	162	3969	167	4040	170	4088	172
920	23.0	21.2	3493	165	3599	170	3641	172	3705	175
820	22.8	18.7	3141	168	3234	173	3272	175	3328	178
720	22.5	16.2	2756	170	2838	175	2870	177	2935	181
620	22.3	13.8	2390	173	2459	178	2486	180	2542	184
520	22.1	11.5	2023	176	2080	181	2115	184	2149	187
420	21.9	9.2	1659	180	1705	185	1732	188	1760	191
320	21.8	7.0	1277	183	1318	189	1332	191	1353	194
220	21.6	4.8	884	186	912	192	922	194	936	197

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

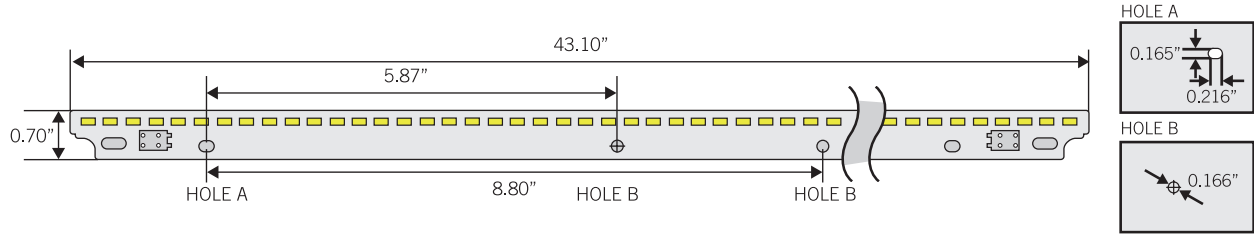
Circuit Layout	
No. of LED's in Series	No. of LED's in Parallel
8	16



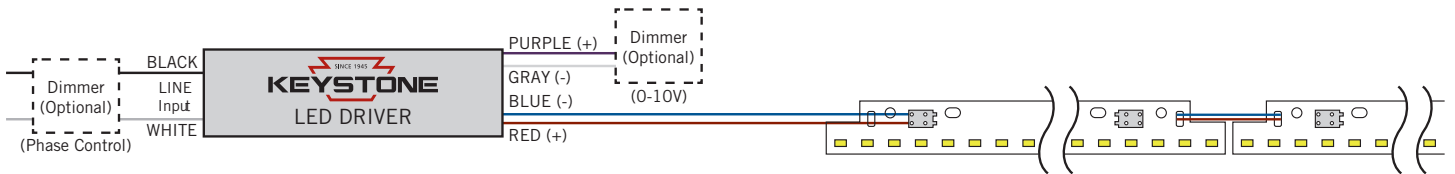
SL SERIES LINEAR MODULES

KTLM-44L-1120-24-8XX

DIMENSIONS



WIRING DIAGRAM



CATALOG NUMBER BREAKDOWN

Modules

KTLM-44L-1120-24-8XX

Keystone Technologies LED Module	Nominal Length	Max. Drive Current	Nominal Forward Voltage	800 Color Series Temp.
----------------------------------	----------------	--------------------	-------------------------	------------------------