



SL SERIES LINEAR MODULES

KTLM-11L-500-34-8XX

HIGH-EFFICACY LED MODULES FOR LINEAR FIXTURE APPLICATIONS

DESCRIPTION

MODULE TYPE: Linear
MAX MODULE POWER: 17W
MAX DRIVE CURRENT: 500mA
COLOR RENDERING INDEX (CRI): >80
RECOMMENDED WIRING: Parallel connection
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
- Aluminum substrate
- 3.5-step MacAdam color binning
- 80 CRI modules have a nominal 3,000 lumens/foot
- Reported L70 \geq 54,000 hours @ <85°C/185°F
- Calculated L70 \geq 87,000 hours @ <85°C/185°F
- Maximum board temperature at Tc point: 85°C/185°F

PERFORMANCE SPECIFICATIONS

Drive Current	Voltage	Wattage	3,000K		3,500K		4,000K		5,000K	
			Flux	Efficacy	Flux	Efficacy	Flux	Efficacy	Flux	Efficacy
500mA	34.0V	17.0W	2,979 lm	175 lm/W	3,072 lm	181 lm/W	3,134 lm	184 lm/W	3,167 lm	186 lm/W
475mA	33.8V	16.0W	2,822 lm	176 lm/W	2,918 lm	182 lm/W	2,982 lm	186 lm/W	3,014 lm	188 lm/W
450mA	33.5V	15.1W	2,670 lm	177 lm/W	2,760 lm	183 lm/W	2,820 lm	187 lm/W	2,851 lm	189 lm/W
425mA	33.3V	14.1W	2,518 lm	178 lm/W	2,603 lm	184 lm/W	2,659 lm	188 lm/W	2,688 lm	190 lm/W
400mA	33.1V	13.2W	2,367 lm	179 lm/W	2,446 lm	185 lm/W	2,499 lm	189 lm/W	2,525 lm	191 lm/W
375mA	32.8V	12.3W	2,215 lm	180 lm/W	2,289 lm	186 lm/W	2,338 lm	190 lm/W	2,363 lm	192 lm/W
350mA	32.6V	11.4W	2,063 lm	181 lm/W	2,131 lm	187 lm/W	2,177 lm	191 lm/W	2,200 lm	193 lm/W
325mA	32.3V	10.5W	1,911 lm	182 lm/W	1,974 lm	188 lm/W	2,016 lm	192 lm/W	2,037 lm	194 lm/W
300mA	32.1V	9.6W	1,760 lm	183 lm/W	1,818 lm	189 lm/W	1,856 lm	193 lm/W	1,876 lm	195 lm/W
275mA	31.8V	8.7W	1,610 lm	184 lm/W	1,662 lm	190 lm/W	1,697 lm	194 lm/W	1,715 lm	196 lm/W

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



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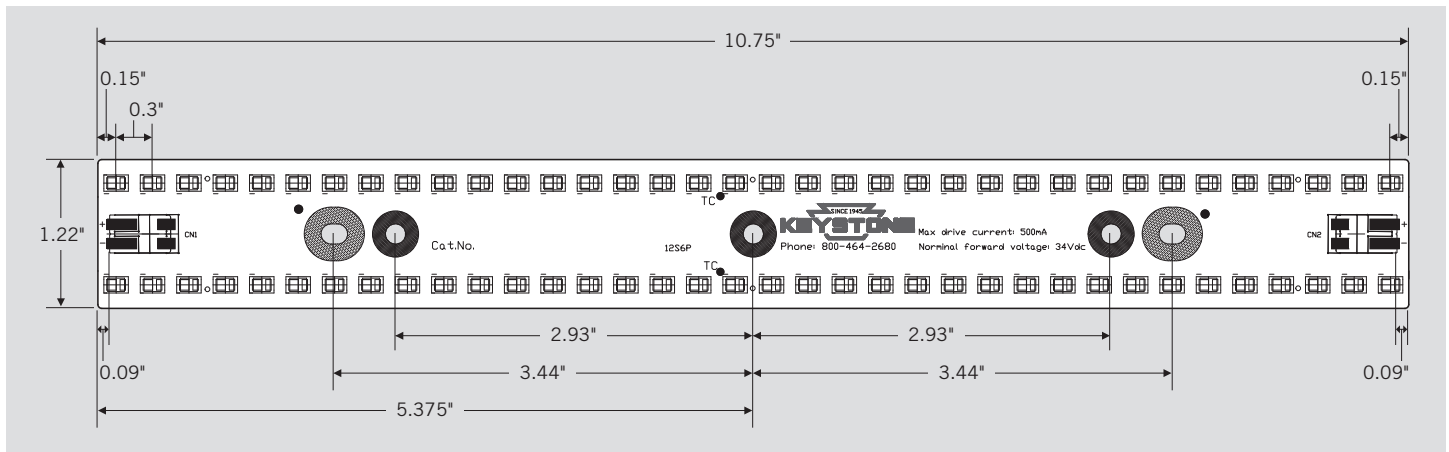
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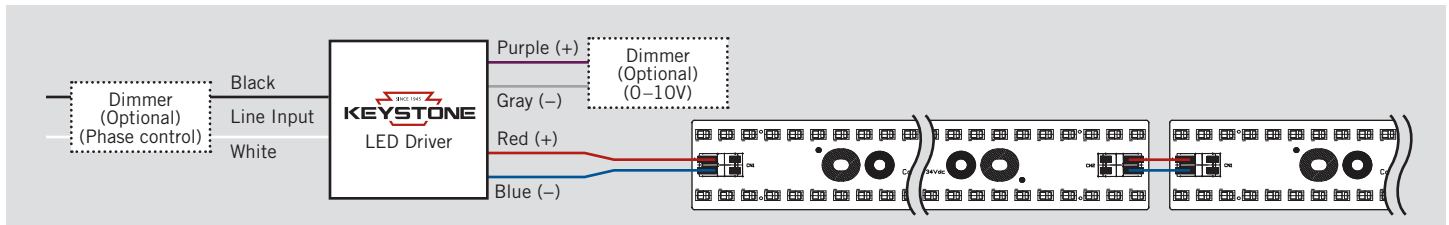
CIRCUIT SPECIFICATIONS

No. of LEDs in Series	No. of LEDs in Parallel
12	6

DIMENSIONS



WIRING DIAGRAM



CATALOG NUMBER BREAKDOWN

KTLM-11L-500-34-8XX

- 1
- 2
- 3
- 4
- 5
- 6

- 1 Keystone Technologies LED Module
- 2 Nominal Length
- 3 Max. Drive Current
- 4 Nominal Forward Voltage
- 5 800 Series
- 6 Color Temperature