



SL SERIES LINEAR MODULES

KTLM-44L-2000-34-8XX

HIGH-EFFICACY LED MODULES FOR LINEAR FIXTURE APPLICATIONS

DESCRIPTION

MODULE TYPE: Linear
MAX MODULE POWER: 68W
MAX DRIVE CURRENT: 2,000mA
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
2,000mA	34.0V	68.0W	11,915 lm	175 lm/W	12,286 lm	181 lm/W	12,537 lm	184 lm/W	12,667 lm	186 lm/W
1,900mA	33.8V	64.1W	11,288 lm	176 lm/W	11,673 lm	182 lm/W	11,929 lm	186 lm/W	12,057 lm	188 lm/W
1,800mA	33.5V	60.3W	10,678 lm	177 lm/W	11,040 lm	183 lm/W	11,281 lm	187 lm/W	11,402 lm	189 lm/W
1,700mA	33.3V	56.6W	10,071 lm	178 lm/W	10,411 lm	184 lm/W	10,637 lm	188 lm/W	10,750 lm	190 lm/W
1,600mA	33.1V	52.9W	9,467 lm	179 lm/W	9,784 lm	185 lm/W	9,996 lm	189 lm/W	10,101 lm	191 lm/W
1,500mA	32.8V	49.2W	8,860 lm	180 lm/W	9,155 lm	186 lm/W	9,352 lm	190 lm/W	9,451 lm	192 lm/W
1,400mA	32.6V	45.6W	8,252 lm	181 lm/W	8,525 lm	187 lm/W	8,708 lm	191 lm/W	8,799 lm	193 lm/W
1,300mA	32.3V	42.0W	7,645 lm	182 lm/W	7,898 lm	188 lm/W	8,066 lm	192 lm/W	8,150 lm	194 lm/W
1,200mA	32.1V	38.5W	7,041 lm	183 lm/W	7,272 lm	189 lm/W	7,426 lm	193 lm/W	7,503 lm	195 lm/W
1,100mA	31.8V	35.0W	6,439 lm	184 lm/W	6,649 lm	190 lm/W	6,789 lm	194 lm/W	6,859 lm	196 lm/W

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



SL SERIES LINEAR MODULES

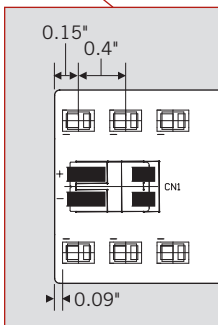
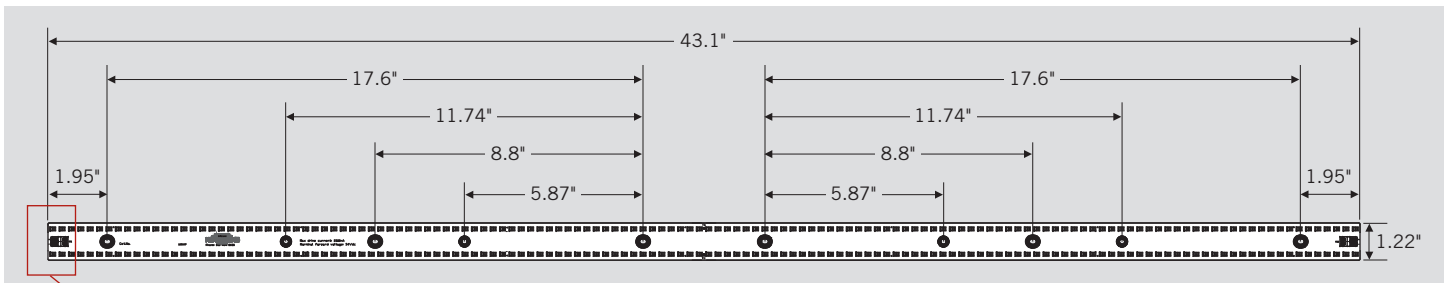
KTLM-44L-2000-34-8XX

HIGH-EFFICACY LED MODULES FOR LINEAR FIXTURE APPLICATIONS

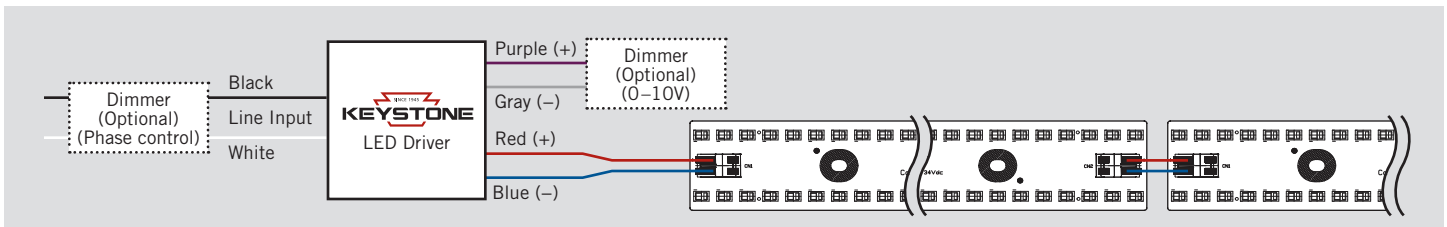
CIRCUIT SPECIFICATIONS

No. of LEDs in Series	No. of LEDs in Parallel
12	24

DIMENSIONS



WIRING DIAGRAM



CATALOG NUMBER BREAKDOWN

KTLM-44L-2000-34-8XX

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