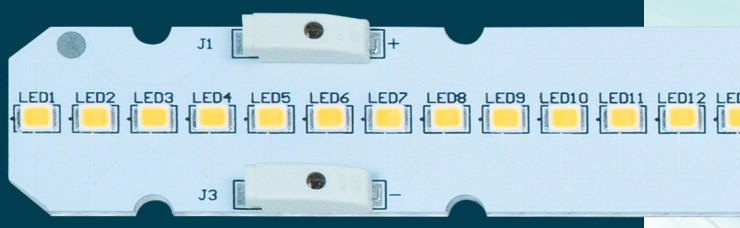
ACE LEDS

LE96C/XX90M/22

22” LINEAR

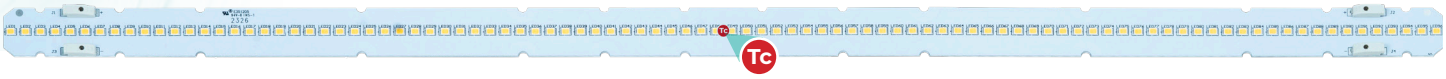


Electrical Specifications

Driver type:	Constant Current
Drive Current:	900 mA Typ. / 1200 mA Max.
Total Board Power:	42.91 W Typ. / 58.56 W Max.
Life:	50,000 Hrs. @ 85˚C
Max Junction Temp:	85˚C
Max Test Point Temp:	120˚C
Operating Temp:	-40˚C to +105˚C
Storage Temp:	-40˚C to +100˚C
Viewing Angle (FWHM):	120˚ Lambertian distribution

* The “M” is a reference letter that indicates that the module can be built with either Cree or Samsung LEDs.

Manufactured in the USA as a component for BABA & Buy American compliant LED Luminaires.



LE96C/XX90M/22 • Nominal Forward Voltage: 45.6 V Nom. / 50.9 V Max.

Model	Color Temp (K)	Forward Voltage (V)	Drive Current (mA)	Power (W)	Lumens	Efficacy (Lm/W)
LE96C/3090M/22	3000	47.68	900	42.91	6,372	155.4
LE96C/4090M/22	4000	47.68	900	42.91	6,804	166
LE96C/5090M/22	5000	47.68	900	42.91	6,912	168.6

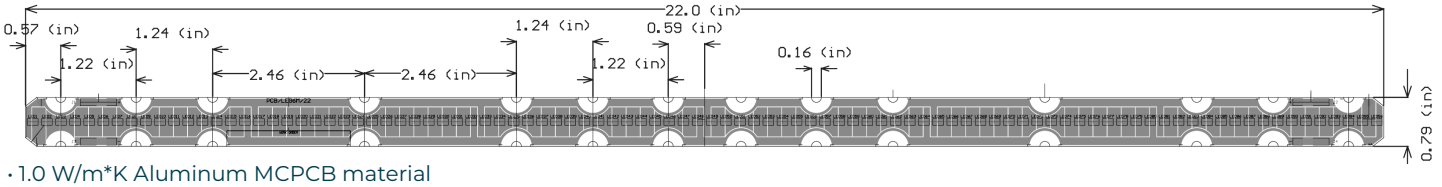
Overview:

- Constant Current DC Array
- 16 LEDs in series x 6 parallel strings
- Designed for easy use in standard luminaires
- 3-step MacAdam Ellipse
- UL Recognized Components

Connectivity:

For Poke-In Connectors use #24-18 AWG stranded or BJB Connector, Part # 46.141.1001.50

Dimensions:



- 1.0 W/m*K Aluminum MCPCB material
- 1.6 mm board thickness

Disclaimer: The modules referenced in this document are designed for use with either Cree or Samsung LEDs, unless explicitly specified otherwise, as is the case with Turtle-friendly modules. The inclusion of the letter “M” in the model number signifies that the standard configuration assumes the utilization of Cree or Samsung LEDs.

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