



Electrical Specifications

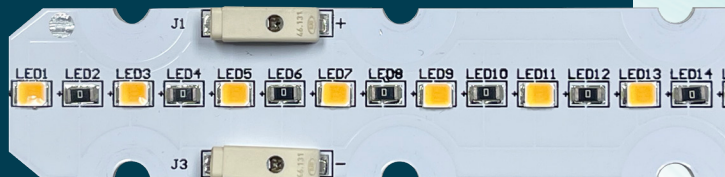
Driver type:	Constant Current
Drive Current:	900 mA Typ. / 1200 mA Max.
Total Board Power:	20.5 W Typ. / 27.7 W Max
Life:	50,000 Hrs. @ 85 °C
Max Junction Temp:	85 °C
Max Test Point Temp:	120 °C
Operating Temp:	-40 °C to +105 °C
Storage Temp:	-40 °C to +100 °C
Viewing Angle (FWHM):	120 ° Lambertian distribution

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



LE48C-XX80*M-22

48 LEDs, 22" x 0.74", LINEAR



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

LE48C-XX80*M-22 • Nominal Forward Voltage: 22.8 V Nom. / 23.1 V Max.

Model	Color Temp (K)	CRI (Ra)	Forward Voltage (V)	Drive Current (mA)	Power (W)	Lumens	Efficacy (Lm/W)
LE48C-2780*M-22	2700	80	22.8 Typ. / 23.1 Max	900 Typ. / 1,200 Max	20.5 Typ. / 27.7 Max	3459 Typ. / 4415 Max	168.6 Typ. / 159.3 Max
LE48C-3080*M-22	3000					3562 Typ. / 4547 Max	173.6 Typ. / 164.0 Max
LE48C-3580*M-22	3500					3562 Typ. / 4547 Max	176.1 Typ. / 166.4 Max
LE48C-4080*M-22	4000					3717 Typ. / 4744 Max	181.1 Typ. / 171.1 Max
LE48C-5080*M-22	5000					3768 Typ. / 4810 Max	183.6 Typ. / 173.5 Max

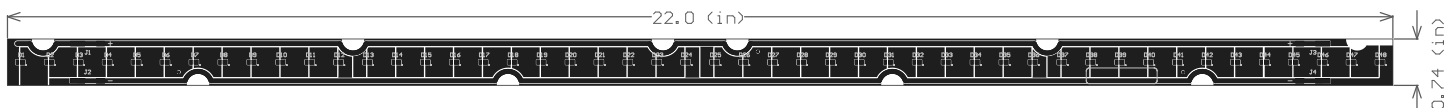
Overview:

- Constant Current DC Array
- 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 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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Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

