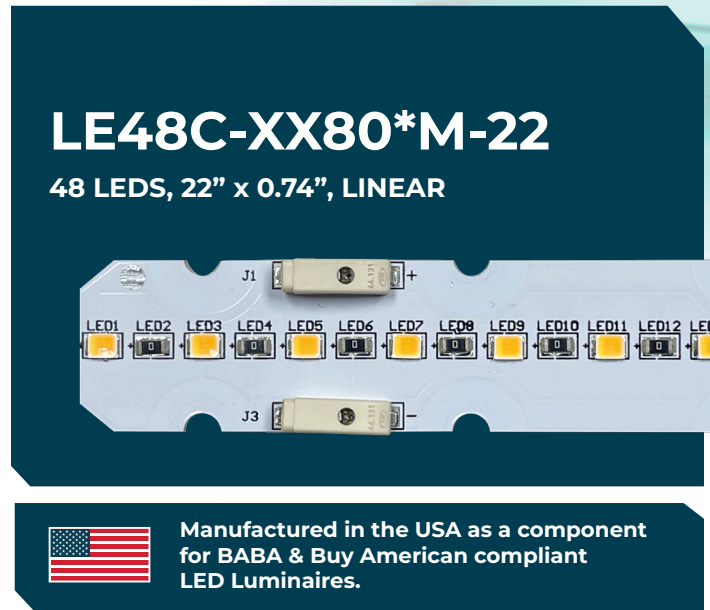


## Electrical Specifications

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

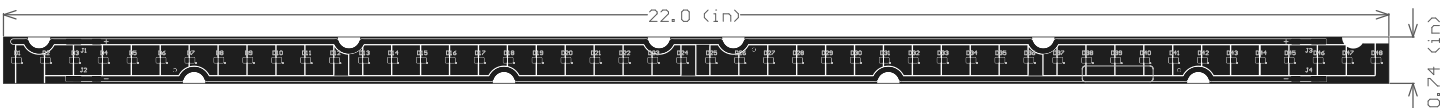
### Overview:

- 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.

3401 Avenue D, Arlington, TX 76011 • 800-375-6355 • [www.aceleds.com](http://www.aceleds.com)

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.

