



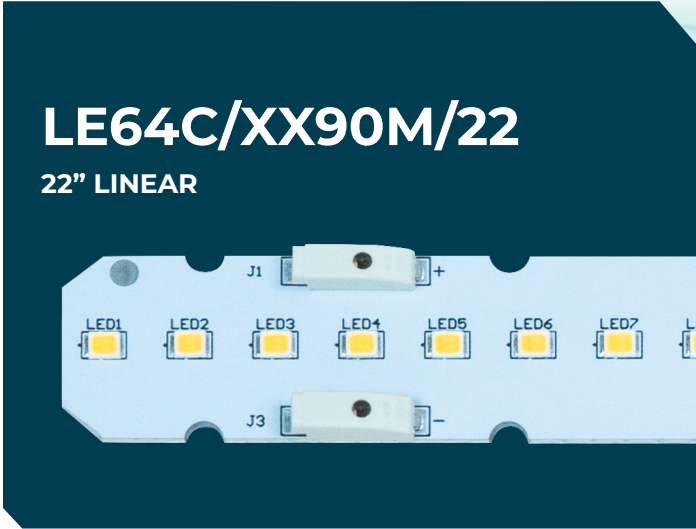
# LE64C/XX90M/22

## 22" LINEAR

### Electrical Specifications

<b>Driver Type:</b>	Constant Current
<b>Drive Current:</b>	600 mA Typ. / 800 mA Max.
<b>Total Board Power:</b>	28.6 W Ty. / 39.04 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.



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



### LE64C/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)
LE64C/3090M/22	3000	47.68	600	28.6	4,248	155
LE64C/4090M/22	4000	47.68	600	28.6	4,536	165.5
LE64C/5090M/22	5000	47.68	600	28.6	4,608	168.2

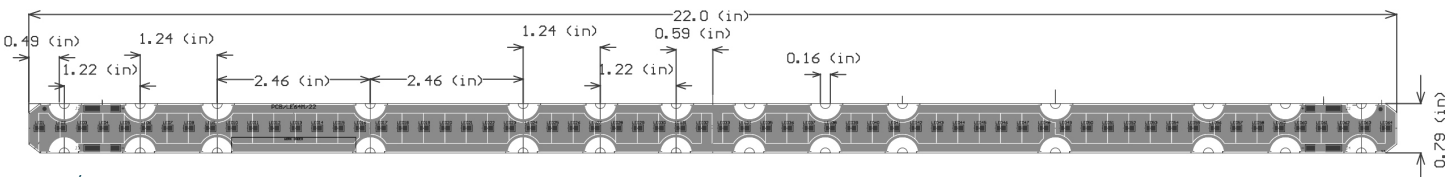
### Overview:

- Constant Current DC Array
- 16 LEDs in series x 4 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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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.

