

Electrical Specifications

Driver type:	Constant Current
Drive Current:	1050 mA Typ. / 1400 mA Max.
Total Board Power:	47.9 W Typ. / 64.7 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.

LE112C-XX80*M-22

22" LINEAR HIGHBAY LED MODULE



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



LE112C-XX80*M-22 • Nominal Forward Voltage: 47.68 V Nom. / 48.8 V Max.

Model	Color Temp (K)	CRI (Ra)	Forward Voltage (V)	Drive Current (mA)	Power (W)	Lumens	Efficacy (Lm/W)
LE112C-2780*M-22	2700	80	45.6 Nom. / 46.2 Max	1050 Typ. / 1400 Max	47.9 Nom. / 64.7 Max	8070 Typ. / 10301 Max	168.5 Typ. / 159.3 Max
LE112C-3080*M-22	3000					8311 Typ. / 10609 Max	173.6 Typ. / 164.0 Max
LE112C-3580*M-22	3500					8432 Typ. / 10762 Max	176.1 Typ. / 166.4 Max
LE112C-4080*M-22	4000					8673 Typ. / 11070 Max	181.1 Typ. / 171.2 Max
LE112C-5080*M-22	5000					8793 Typ. / 11224 Max	183.6 Typ. / 173.5 Max

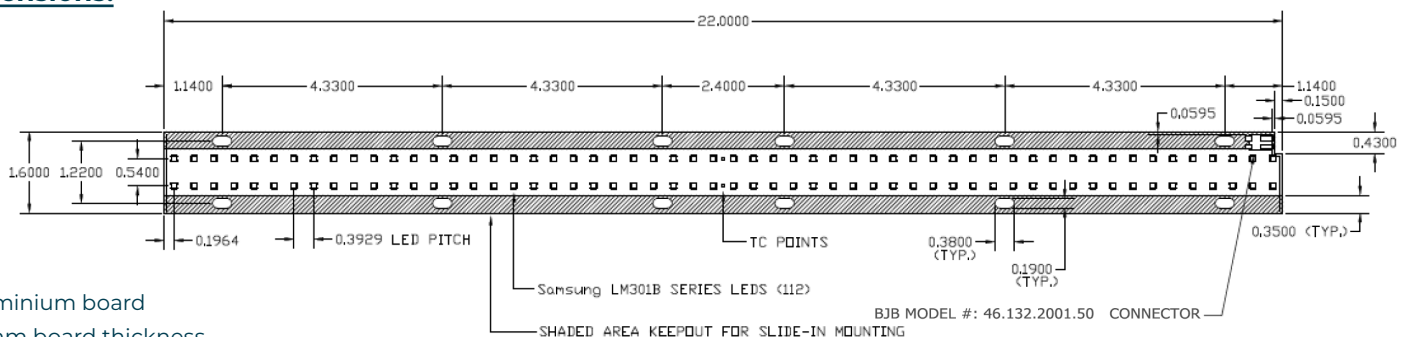
Overview:

- Constant Current DC Array
- 16 LEDs in series x 7 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

Dimensions:



- Aluminium board
- 1.6mm 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.

