




Electrical Specifications

Driver type:	Constant Current
Drive Current:	1050 mA Typ. / 1400 mA Max.
Total Board Power:	50.06 W Typ. / 68.32 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.**



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

Model	Color Temp (K)	Forward Voltage (V)	Drive Current (mA)	Power (W)	Lumens	Efficacy (Lm/W)
LE112C-3080*M-22	3000	47.68	1,050	50.06	8,419	168
LE112C-4080*M-22	4000	47.68	1,050	50.06	8,785	175
LE112C-5080*M-22	5000	47.68	1,050	50.06	8,907	178

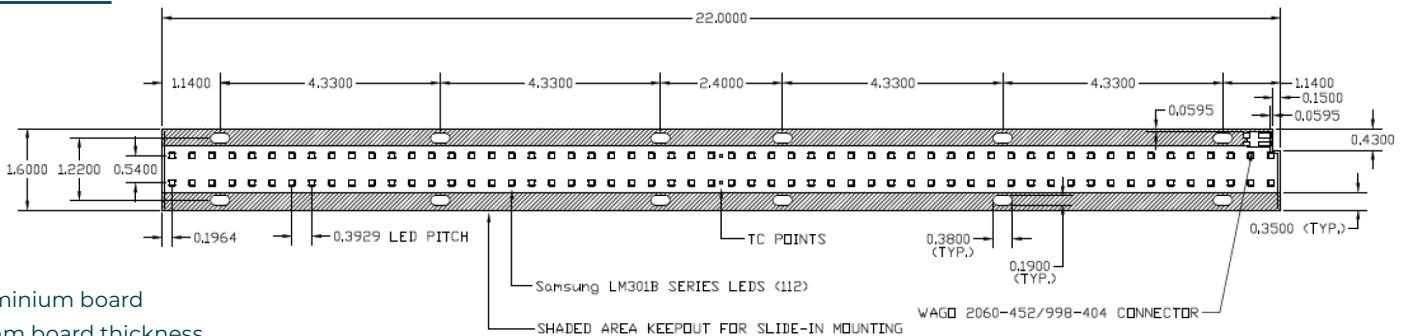
Overview:

- 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 or BJB Connector, Part # 46.142.1001.50

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.

