



Electrical Specifications

Driver Type:	Constant Current
Drive Current:	450 mA Typ. / 600 mA Max.
Total Board Power:	18.7 W Typ. / 25.62 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.



LE42C-XX80*M-22 • Nominal Forward Voltage: 41.72 V Nom. / 42.7 V Max.

Model	Color Temp (K)	Forward Voltage (V)	Drive Current (mA)	Power (W)	Lumens	Efficacy (Lm/W)
LE42C-3080*M-22	3000	41.72	450	18.7	3,157	168
LE42C-4080*M-22	4000	41.72	450	18.7	3,295	175
LE42C-5080*M-22	5000	41.72	450	18.7	3,340	178

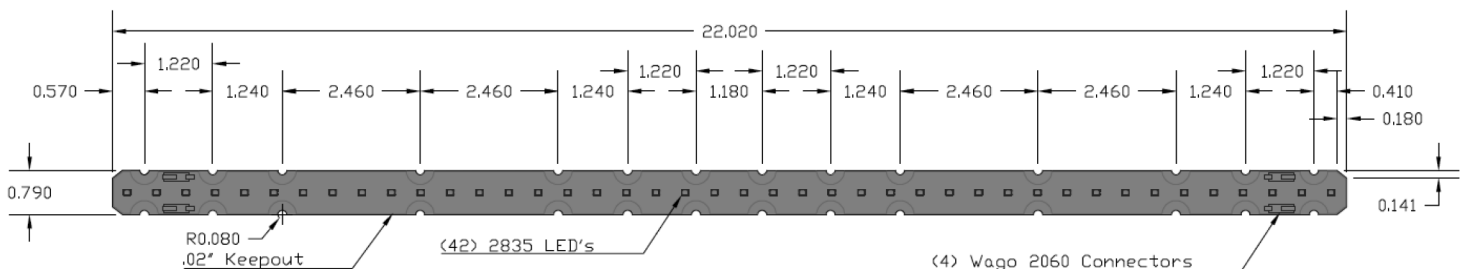
Overview:

- Constant Current DC Array
- 14 LEDs in series x 3 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:

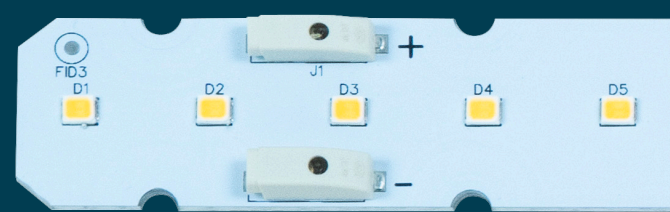


- MCPCB board material
- 0.8 mm board thickness

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.

LE42C-XX80*M-22

42 LEDs, 22" x 0.79" LINEAR



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

