

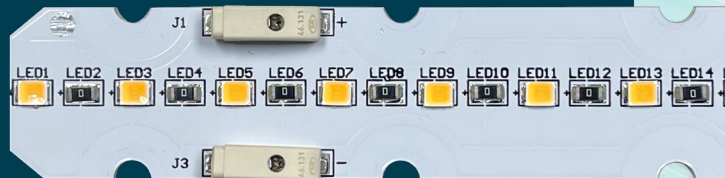


Electrical Specifications

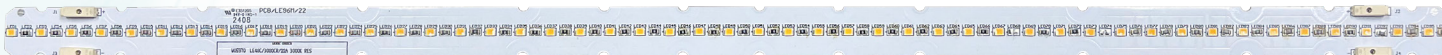
Driver Type:	Constant Current
Drive Current:	900 mA Typ. / 1440 mA Max.
Total Board Power:	20.4 W Typ. / 33.3 W Max
Life:	50,000 Hrs. @ 85 °C
Max Junction Temp:	85 °C
Max Test Point Temp:	120 °C
Operating Temp:	-40 °C to +105 °C
Storage Temp:	-40 °C to +100 °C
Viewing Angle (FWHM):	120 ° Lambertian distribution

LE48CXXYYCRN22

48 LEDs, 22" x 0.74", LINEAR



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



LE48CXXYYCRN22 • Nominal Forward Voltage: 22.7 V Nom. / 23.1 V Max.

Model	Color Temp (K)	CRI (Ra)	Forward Voltage (V)	Drive Current (mA)	Power (W)	Lumens	Efficacy (Lm/W)			
LE48C2780CRN22	2700	80	22.7 Typ. / 23.1 Max	900 Typ. / 1440 Max	20.4 Typ. / 33.3 Max	3322 Typ. / 4694 Max	162.8 Typ. / 141.0 Max			
LE48C3080CRN22	3000					3468 Typ. / 4900 Max	170.0 Typ. / 147.1 Max			
LE48C3580CRN22	3500					3562 Typ. / 5033 Max	174.6 Typ. / 151.1 Max			
LE48C4080CRN22	4000					3670 Typ. / 5185 Max	179.9 Typ. / 155.7 Max			
LE48C5080CRN22	5000					3670 Typ. / 5185 Max	179.9 Typ. / 155.7 Max			
LE48C2790CRN22	2700	90							2786 Typ. / 3937 Max	136.6 Typ. / 118.2 Max
LE48C3090CRN22	3000								2918 Typ. / 4123 Max	143.0 Typ. / 123.8 Max
LE48C3590CRN22	3500								3017 Typ. / 4262 Max	147.9 Typ. / 128.0 Max
LE48C4090CRN22	4000								3101 Typ. / 4382 Max	152.0 Typ. / 131.6 Max
LE48C5090CRN22	5000								3101 Typ. / 4382 Max	152.0 Typ. / 131.6 Max

Disclaimer: The module referenced in this document are constructed with Cree LEDs unless explicitly specified otherwise. Actual performance is dependent on multiple external factors, and may vary as much as +/- 3% from stated values.

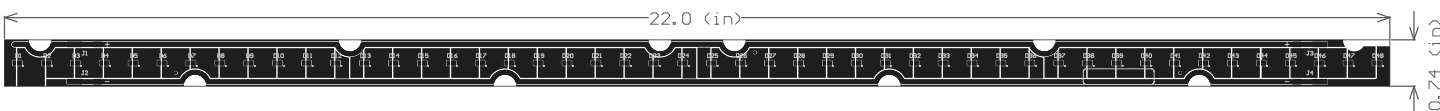
Overview:

- Constant Current DC Array
- 8 LEDs in series x 6 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 mm board thickness

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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.

