

Electrical Specifications

Driver Type:	Constant Current
Drive Current:	1440 mA Typ. / 5760 mA Max.
Total Board Power:	48.4 W Typ. / 207.6 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

LE192CXXYYCRW48

48" LINEAR



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

LE192CXXYYCRW48 • Typical Forward Voltage: 33.6 V Typ. / 36.0 V Max.

Model	Color Temp (K)	CRI (Ra)	Forward Voltage (V)	Drive Current (mA)	Power (W)	Lumens	Efficacy (Lm/W)			
LE192C2780CRW48	2700	80	33.6 Typ. / 36.0 Max	1440 Typ. / 5760 Max	48.4 Typ. / 207.6 Max	7741 Typ. / 23305 Max	159.9 Typ. / 112.3 Max			
LE192C3080CRW48	3000					7999 Typ. / 24083 Max	165.3 Typ. / 116.0 Max			
LE192C3580CRW48	3500					8321 Typ. / 25054 Max	171.9 Typ. / 120.7 Max			
LE192C4080CRW48	4000					8515 Typ. / 25636 Max	175.9 Typ. / 123.5 Max			
LE192C5080CRW48	5000					8515 Typ. / 25636 Max	175.9 Typ. / 123.5 Max			
LE192C2790CRW48	2700	90							6516 Typ. / 19615 Max	134.6 Typ. / 94.5 Max
LE192C3090CRW48	3000								6708 Typ. / 20198 Max	138.6 Typ. / 97.3 Max
LE192C3590CRW48	3500								6968 Typ. / 20976 Max	144.0 Typ. / 101.0 Max
LE192C4090CRW48	4000								7225 Typ. / 21752 Max	149.3 Typ. / 104.8 Max
LE192C5090CRW48	5000								7225 Typ. / 21752 Max	149.3 Typ. / 104.8 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.

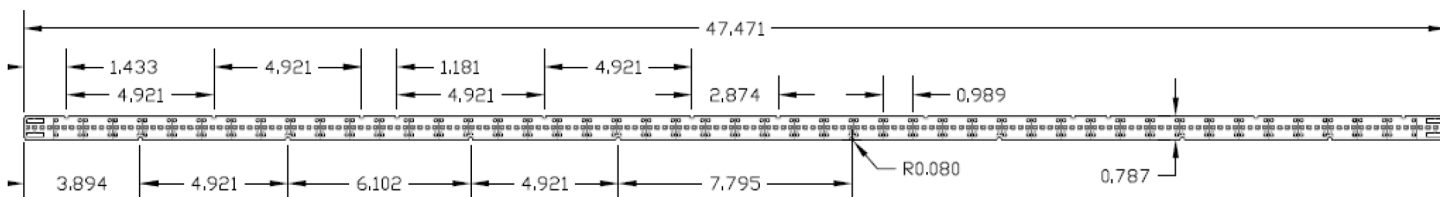
Overview:

- Constant Current DC Array
- 4 LEDs in series x 48 parallel strings (Breakable per 1")
- 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
- 1.6 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.