

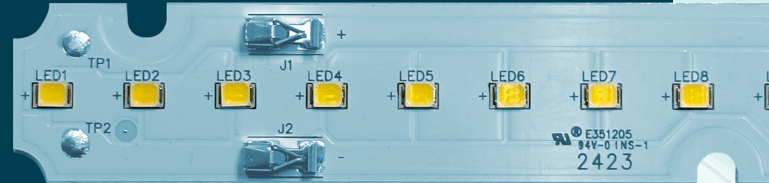


Electrical Specifications

Driver type:	Constant Current
Drive Current:	150 mA Typ. / 240 mA Max.
Total Board Power:	6.0 W Typ. / 9.7 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

LE14XXYYCRN5.5

5.5" LINEAR



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

LE14XXYYCRN5.5 • Typical Forward Voltage: 39.8 V Typ. / 40.5 V Max.

Model	Color Temp (K)	CRI (Ra)	Forward Voltage (V)	Drive Current (mA)	Power (W)	Lumens	Efficacy (Lm/W)			
LE142780CRN5.5	2700	80	39.8 Typ. / 40.5 Max	150 Typ. / 240 Max	6.0 Typ. / 9.7 Max	969 Typ. / 1369 Max	161.5 Typ. / 141.1 Max			
LE143080CRN5.5	3000					1012 Typ. / 1429 Max	168.7 Typ. / 147.3 Max			
LE143580CRN5.5	3500					1039 Typ. / 1468 Max	173.2 Typ. / 151.3 Max			
LE144080CRN5.5	4000					1070 Typ. / 1512 Max	178.3 Typ. / 155.9 Max			
LE145080CRN5.5	5000					1070 Typ. / 1512 Max	178.3 Typ. / 155.9 Max			
LE142790CRN5.5	2700	90							813 Typ. / 1148 Max	135.5 Typ. / 118.4 Max
LE143090CRN5.5	3000								851 Typ. / 1203 Max	141.8 Typ. / 124.0 Max
LE143590CRN5.5	3500								880 Typ. / 1243 Max	146.7 Typ. / 128.1 Max
LE144090CRN5.5	4000								905 Typ. / 1278 Max	150.8 Typ. / 131.8 Max
LE145090CRN5.5	5000								905 Typ. / 1278 Max	150.8 Typ. / 131.8 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:

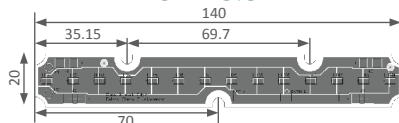
- Constant Current DC Array
- 14 LEDs in series
- Designed for easy use in standard luminaires
- 3-step MacAdam Ellipse
- UL Recognized Components

Connectivity:

Four Poke-In Connectors use #24-18 AWG stranded

Dimensions:

LE14XXYYCRN5.5



- 1.0 W/m*K Aluminum MCPCB 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.

