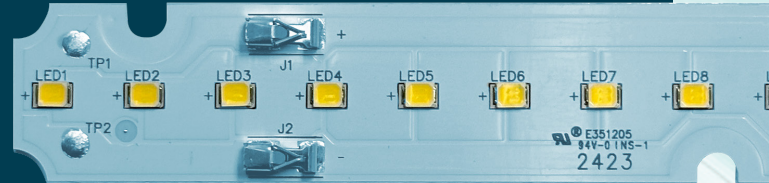


Electrical Specifications

Driver type:	Constant Current
Drive Current:	600 mA Typ. / 960 mA Max.
Total Board Power:	23.9 W Typ. / 38.8 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

LE56XXYYCRN23.7

23.7" LINEAR



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

LE56XXYYCRN23.7 • 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)			
LE562780CRN23.7	2700	80	39.8 Typ. / 40.5 Max	600 Typ. / 960 Max	23.9 Typ. / 38.8 Max	3876 Typ. / 5476 Max	162.2 Typ. / 141.1 Max			
LE563080CRN23.7	3000					4046 Typ. / 5716 Max	169.3 Typ. / 147.3 Max			
LE563580CRN23.7	3500					4156 Typ. / 5872 Max	173.9 Typ. / 151.3 Max			
LE564080CRN23.7	4000					4282 Typ. / 6050 Max	179.2 Typ. / 155.9 Max			
LE565080CRN23.7	5000					4282 Typ. / 6050 Max	179.2 Typ. / 155.9 Max			
LE562790CRN23.7	2700	90							3251 Typ. / 4594 Max	136.0 Typ. / 118.4 Max
LE563090CRN23.7	3000								3404 Typ. / 4810 Max	142.4 Typ. / 124.0 Max
LE563590CRN23.7	3500								3520 Typ. / 4973 Max	147.3 Typ. / 128.2 Max
LE564090CRN23.7	4000								3618 Typ. / 5112 Max	151.4 Typ. / 131.8 Max
LE565090CRN23.7	5000								3618 Typ. / 5112 Max	151.4 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:

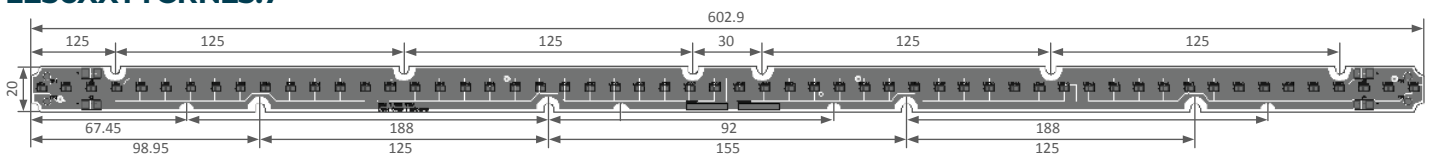
- Constant Current DC Array
- 14 LEDs in series x 4 parallel strings
- Designed for easy use in standard luminaires
- 3-step MacAdam Ellipse
- UL Recognized Components

Connectivity:

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

Dimensions:

LE56XXYYCRN23.7



- 1.0 W/m*K Aluminum MCPCB material
- 1.6 mm board thickness

3401 Avenue D, Arlington, TX 76011 • 800-375-6355 • www.aceleds.com

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.

