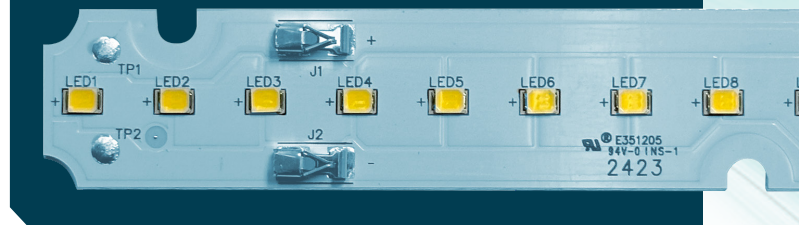


Electrical Specifications

Driver type:	Constant Current
Drive Current:	300 mA Typ. / 480 mA Max.
Total Board Power:	11.9 W Typ. / 19.4 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

LE28XXYYCRN11

23.7" LINEAR



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

LE28XXYYCRN11 • 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)			
LE282780CRN11	2700	80	39.8 Typ. / 40.5 Max	300 Typ. / 480 Max.	11.9 Typ. / 19.4 Max.	1938 Typ. / 2738 Max	162.9 Typ. / 141.1 Max			
LE283080CRN11	3000					2023 Typ. / 2858 Max	170.0 Typ. / 147.3 Max			
LE283580CRN11	3500					2078 Typ. / 2936 Max	174.6 Typ. / 151.3 Max			
LE284080CRN11	4000					2141 Typ. / 3025 Max	179.9 Typ. / 155.9 Max			
LE285080CRN11	5000					2141 Typ. / 3025 Max	179.9 Typ. / 155.9 Max			
LE282790CRN11	2700	90							1625 Typ. / 2297 Max	136.6 Typ. / 118.4 Max
LE283090CRN11	3000								1702 Typ. / 2405 Max	143.0 Typ. / 124.0 Max
LE283590CRN11	3500								1760 Typ. / 2486 Max	147.9 Typ. / 128.1 Max
LE284090CRN11	4000								1809 Typ. / 2556 Max	152.0 Typ. / 131.8 Max
LE285090CRN11	5000								1809 Typ. / 2556 Max	152.0 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:

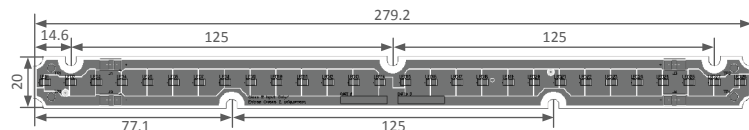
- Constant Current DC Array
- 14 LEDs in series x 2 parallel strings
- Designed for easy use in standard luminaires
- 3-step MacAdam Ellipse
- UL Recognized Components

Connectivity:

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

Dimensions:

LE28XXYYCRN11



- 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.