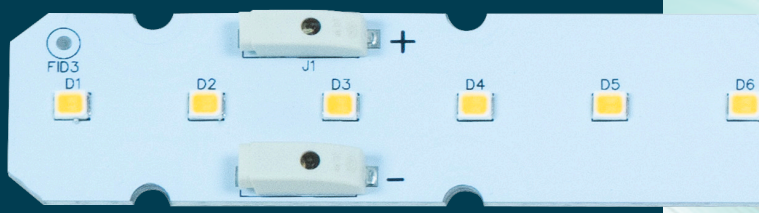
ACE LEDS

LE42CXXYYCRN22

42 LEDS, 22” x 0.79” LINEAR



Electrical Specifications

Driver Type:	Constant Current
Drive Current:	450 mA Typ. / 720 mA Max.
Total Board Power:	17.9 W Typ. / 29.1 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

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

LE42CXXYYCRN22 • Nominal Forward Voltage: 39.8 V Nom. / 40.5 V Max.

Model	*Color Temp (K)*	*CRI (Ra)*	*Forward Voltage (V)*	*Drive Current (mA)*	*Power (W)*	*Lumens*	*Efficacy (Lm/W)*
LE42C2780CRN22	2700	80	39.8 Typ. / 40.5 Max	450 Typ. / 720 Max	17.9 Typ. / 29.1 Max	2907 Typ. / 4107 Max	162.4 Typ. / 141.1 Max
LE42C3080CRN22	3000					3035 Typ. / 4287 Max	169.6 Typ. / 147.3 Max
LE42C3580CRN22	3500					3117 Typ. / 4404 Max	174.1 Typ. / 151.3 Max
LE42C4080CRN22	4000					3211 Typ. / 4537 Max	179.4 Typ. / 155.9 Max
LE42C5080CRN22	5000					3211 Typ. / 4537 Max	179.4 Typ. / 155.9 Max
LE42C2790CRN22	2700	90				2438 Typ. / 3445 Max	136.2 Typ. / 118.4 Max
LE42C3090CRN22	3000					2553 Typ. / 3608 Max	142.6 Typ. / 124.0 Max
LE42C3590CRN22	3500					2640 Typ. / 3730 Max	147.5 Typ. / 128.2 Max
LE42C4090CRN22	4000					2714 Typ. / 3834 Max	151.6 Typ. / 131.8 Max
LE42C5090CRN22	5000					2714 Typ. / 3834 Max	151.6 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.

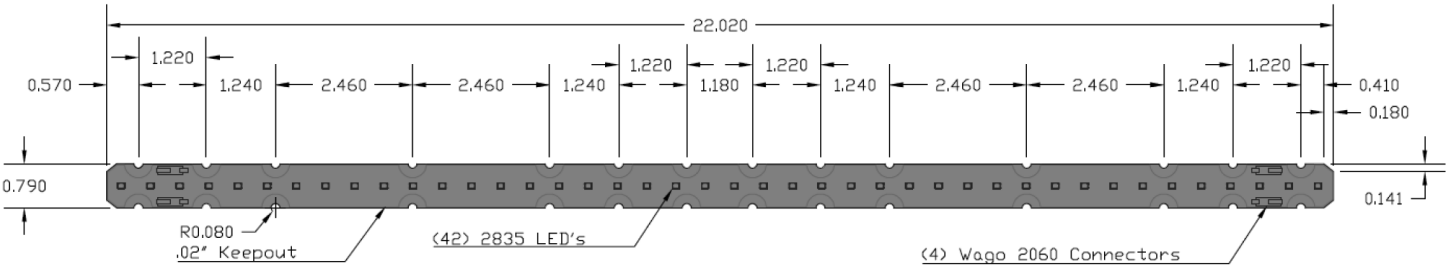
Overview:

- Constant Current DC Array
- 14 LEDs in series x 3 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:



- MCPCB board material
- 0.8 mm board thickness

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