

POWER Match™

**Smart Integration.
Power Without Complexity.**

PowerMatch™ is a versatile mid-power linear platform engineered for seamless compatibility with ACE LEDS BABA Matchbook Constant Current drivers.

Designed to simplify OEM integration and fixture development, its flexible breakable architecture supports adaptable configurations while delivering reliable performance and cost-effective scalability across a wide range of lighting applications.

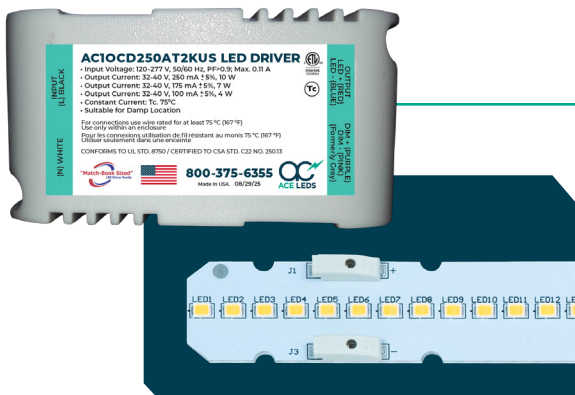
FEATURING:

Broad Compatibility:
Engineered for effortless pairing with the ACE BABA Matchbook driver ecosystem.

Streamlined Design:
Simplifies driver and module pairings for efficient OEM and fixture applications.

Versatile Architecture:
Features a breakable 44” design allowing for flexible 2x22” configurations.

Cost-Effective Alternative:
Delivers a reliable mid-power solution without the higher cost of high-output platforms.



POWER Match™

VALIDATED COMPATIBLE

BABA MATCHBOOK LED DRIVERS:

AC10CD250AT2KUS
AC15CD250AT2QUS
AC15CD350AT2SUS

AC25CD700AT2QUS
AC29CD700AT2QUS
AC40CD1.05AT2US

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.

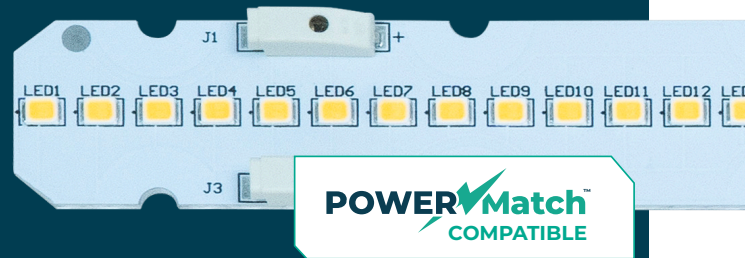


Electrical Specifications

Driver type:	Constant Current
Drive Current:	1200 mA Typ. / 3840 mA Max.
Total Board Power:	40.5 W Typ. / 143.3 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

LE96CXXYYCRJ44

44" CUTTABLE LINEAR LED Module



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



LE96CXXYYCRJ44 • Typical Forward Voltage: 33.7 V Typ. / 37.3 V Max.

Model	Color Temp (K)	CRI (Ra)	Forward Voltage (V)	Drive Current (mA)	Power (W)	Lumens	Efficacy (Lm/W)			
LE96C2780CRJ44	2700	80	33.7 Typ. / 37.3 Max	1200 Typ. / 3840 Max	40.5 Typ. / 143.3 Max	6938 Typ. / 17873 Max	171.3 Typ. / 124.7 Max			
LE96C3080CRJ44	3000					7211 Typ. / 18576 Max	178.0 Typ. / 129.6 Max			
LE96C3580CRJ44	3500					7458 Typ. / 19214 Max	184.1 Typ. / 134.1 Max			
LE96C4080CRJ44	4000					7682 Typ. / 19788 Max	189.7 Typ. / 138.1 Max			
LE96C5080CRJ44	5000					7682 Typ. / 19788 Max	189.7 Typ. / 138.1 Max			
LE96C2790CRJ44	2700	90				33.7 Typ. / 37.3 Max	1200 Typ. / 3840 Max	40.5 Typ. / 143.3 Max	5872 Typ. / 15129 Max	145.0 Typ. / 105.6 Max
LE96C3090CRJ44	3000								6145 Typ. / 15831 Max	151.7 Typ. / 110.5 Max
LE96C3590CRJ44	3500								6344 Typ. / 16341 Max	156.6 Typ. / 114.0 Max
LE96C4090CRJ44	4000								6566 Typ. / 16916 Max	162.1 Typ. / 118.0 Max
LE96C5090CRJ44	5000								6566 Typ. / 16916 Max	162.1 Typ. / 118.0 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.

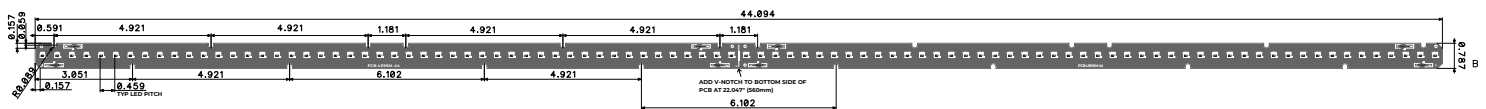
Overview:

- Constant Current DC Array
- 16 LEDs in series x 6 parallel strings
- Designed for easy use in standard luminaires
- 3-step MacAdam Ellipse
- UL Recognized Components
- May be cut and separated into two (2) equivalent 22" modules.

Connectivity:

For Poke-In Connectors use #24-18 AWG stranded or BJB Connector, Part # 46.141.1001.50

Dimensions:



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

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