



397 Route 281
Tully, New York 13159
Phone: 315 696-6676
Fax: 315 696 9923
Email: sales@acipower.com
www.acipower.com

ACR-1033-2396

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13.42" TRI BANK LED RAIL

(TRI Bank, 103 V @ 93.3 mA)

01/22/2014

GENERAL DESCRIPTION

The ACR-1033-2396 is designed as a replacement for single edge lit 15.4" displays.

The rail requires the use of a constant current source to properly drive the LED's.

The LED rail is compatible with any of ACI's I-Drive series of LED Drivers.

MECHANICAL / ENVIRONMENTAL

Weight = 3 grams

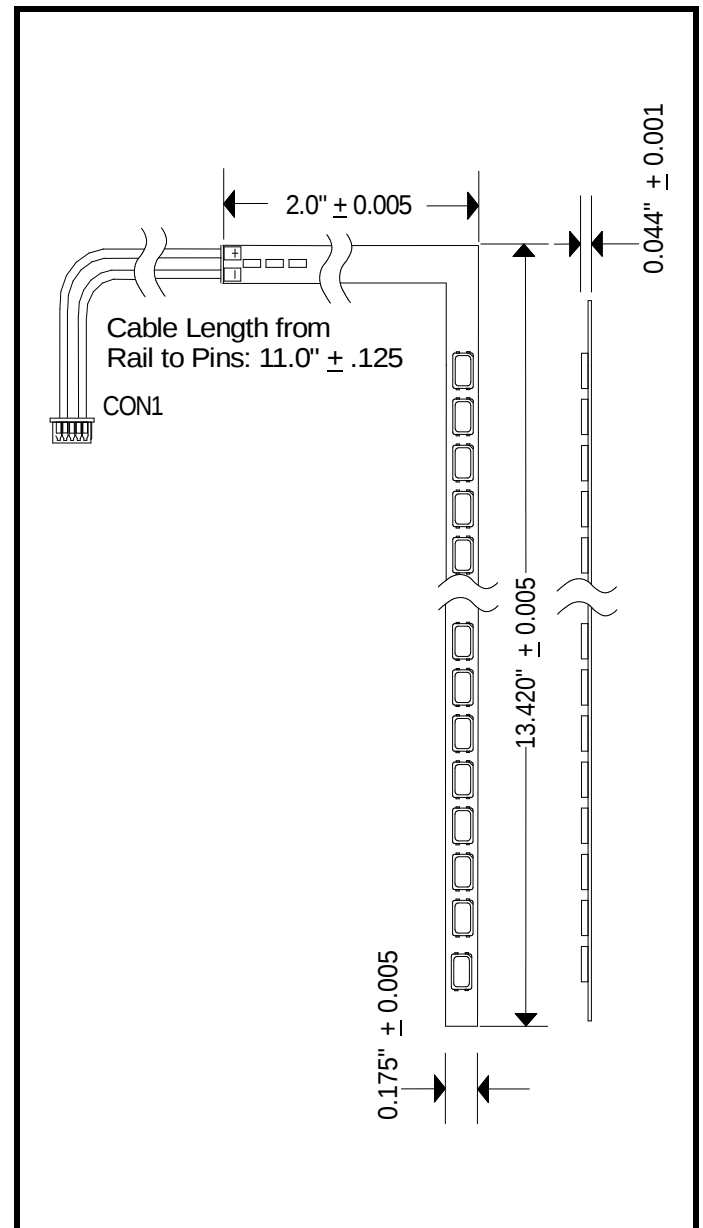
Altitude = 35,000 Ft maximum

Humidity < 95% non-condensing

Size (L x W x H) = 13.42 IN x 0.175 IN x .044 IN

Flex Rail Thickness = .006 IN

RoHS compliant



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MAXIMUM RATINGS

01/22/2014

Symbol	Parameter	Value	Unit
Tled	Operating temperature of LED edge light (light rail contact)	-40 to +100	Deg-C
Tstg	LED Rail storage temperature	-40 to +100	Deg-C
Ifwd	LED forward current	112.0	mA

LED OPTICAL CHARACTERISTICS

LED Manufacturer specifications for reference purpose only

Symbol	Parameter	Test Conditions	Min	Typ	Max	Unit
Iv	Luminance Intensity Rank	Ifwd = 93mA	14.1	-	18.1	cd
X	White X coordinate			0.243		-
Y	White Y coordinate			0.220		-

LED RAIL ELECTRICAL CHARACTERISTICS

Ifwd = 93.3 mA (3 Banks per Rail, 1 Rail per Display), Tled = +75Deg-C (LED's without heat sinking to the display)

Symbol	Parameter	Test Conditions	Min	Typ	Max	Unit
Vfwd	LED rail forward voltage drop		93	103	113	Vdc

TYPICAL LED RAIL PERFORMANCE GRAPHS

