

4FT Cuttable Board



STANDARD CCTs		
2700K	3000K	3500K
4000K	5000K	
STANDARD CRIs		
80		
90		

Features and Description:

- Cuttable to 22-inch, 12 inch and two 6 inch sections
- High efficacy LED chips
- Up to **215** Lumen per Watt
- 3-Step Macadam Binning
- Designed for a wide range of Linear applications
- Suitable for DLC 4.0 and 5.0
- Luminaire Class: UL Class 2
- Maximum efficiency and ROHS compliant
- Quick release NANO push pin connectors on board
- Assembled with UL recognized components

Applications:

- Architectural Lighting
- Linear Applications
- T8 Retrofit
- Office Lighting
- General Illumination
- Warehouse Lighting





LINEAR 44"

1- Module Ordering Code:

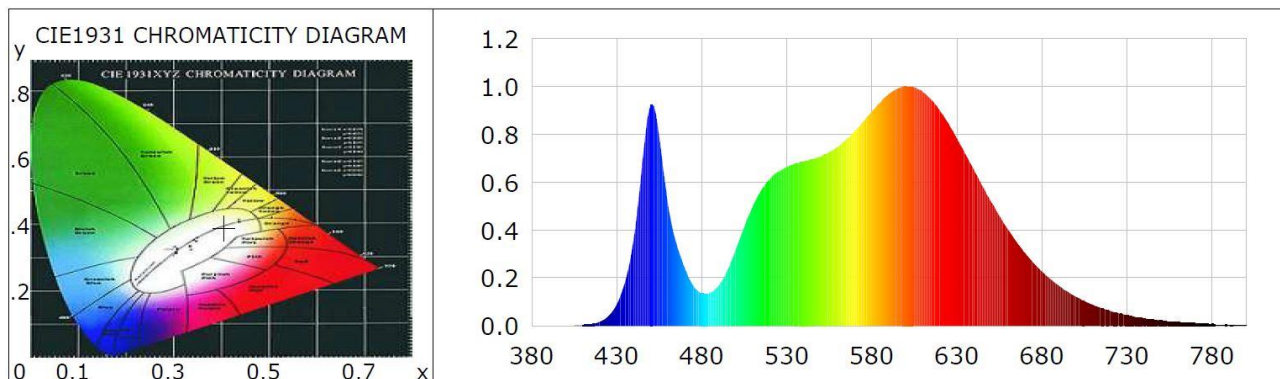
CCT	CRI	Part Number	CCT	CRI	Part Number
2700K	80CRI	L44SA128C2780CC	2700K	90CRI	L44SA128C2790CC
3000K		L44SA128C3080CC	3000K		L44SA128C3090CC
3500K		L44SA128C3580CC	3500K		L44SA128C3590CC
4000K		L44SA128C4080CC	4000K		L44SA128C4090CC
5000K		L44SA128C5080CC	5000K		L44SA128C5090CC

2- Photometric Parameters:

CCT	Luminous Flux	Efficiency	Voltage	Current/Board	Power	Input Mode
3500K 80CRI	2430 lm	215 lm/W	43.56 V	260 mA	11.33 W	Constant Current
	4655 lm	198 lm/W	45.24 V	520 mA	23.53 W	
	6600 lm	197 lm/W	46.60 V	720 mA	33.55 W	

*Characteristics at $T_j = 25^\circ\text{C}$

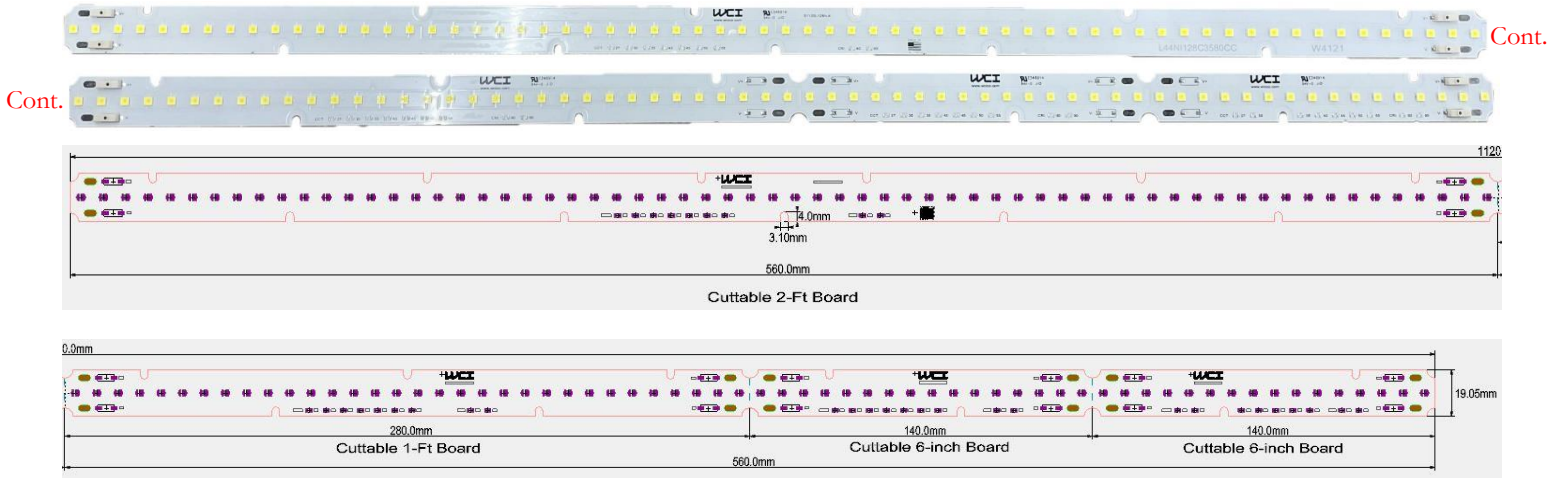
3- Light Characteristics:



Chromaticity Coordinates	x=0.406, y=0.391	Color Ratio	R=0.204, G=0.772, B=0.024
CCT	3486K	CRI	$R_a=82.1$
Energy Efficiency Class	A++ (EU 874-2012)	Color Purity	0.394



4- Dimensions and Structure:



Dimensions	Specification	Dimensions	Specification
<i>Module Length</i>	1120.00 mm	<i>Module Height</i>	4.30 mm
<i>Module Width</i>	19.05 mm	<i>PCB Thickness</i>	1.60 mm
<i>PCB Material</i>	MCPCB	<i>Module Weight</i>	94 g

5- Absolute Maximum Ratings:

Parameter	Max.
<i>Forward LED Current to Module I_F</i>	2400 mA
<i>LED Junction Temperature T_j</i>	125 °C
<i>Ambient/Operating Temperature T_a</i>	-20 to 85 °C

Wiring for Connectors:

Specification	Value
<i>Input Wire Cross-Section, Solid</i>	0.2 – 0.5 mm ²
	24-20 AWG
<i>Input Wire Strip Length</i>	8.0 – 9.0 mm

