



STARLIT II Series



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

Features and Description:

- 22'' & 22.88'' Linear Boards
- 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 MINI push pin connectors on board
- Assembled with UL recognized components.

Applications:

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





LINEAR 22"

1- Module Ordering Code:

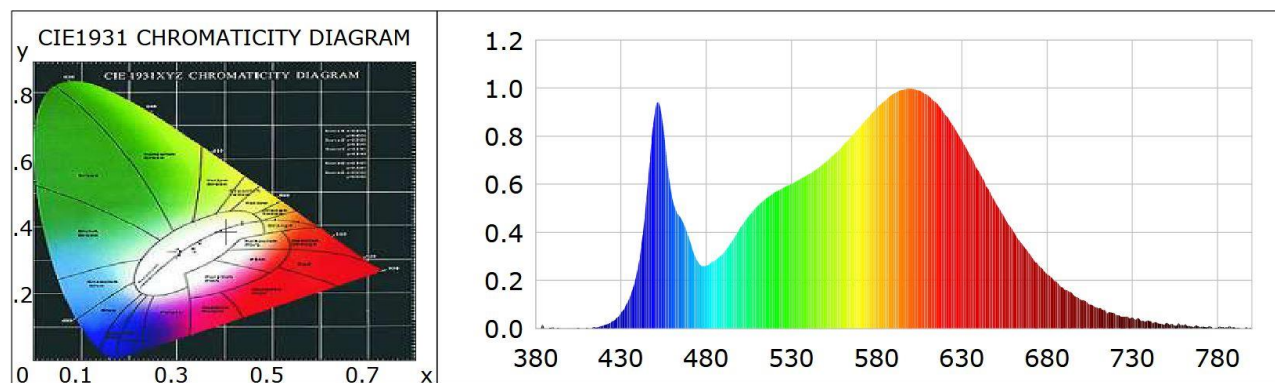
CCT	CRI	Part Number	CCT	CRI	Part Number
2700K	80CRI	L22LX32C2780CC	2700K	90CRI	L22LX32C2790CC
3000K		L22LX32C3080CC	3000K		L22LX32C3090CC
3500K		L22LX32C3580CC	3500K		L22LX32C3590CC
4000K		L22LX32C4080CC	4000K		L22LX32C4090CC
5000K		L22LX32C5080CC	5000K		L22LX32C5090CC

2- Photometric Parameters:

CCT	Luminous Flux	Efficiency	Voltage	Current/Board	Power	Input Mode
3500K 80CRI	590 lm	210 lm/W	10.82 V	260 mA	2.81 W	Constant Current
	1190 lm	205 lm/W	11.17 V	520 mA	5.81 W	
	2265 lm	185 lm/W	11.77 V	1040 mA	12.24 W	

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

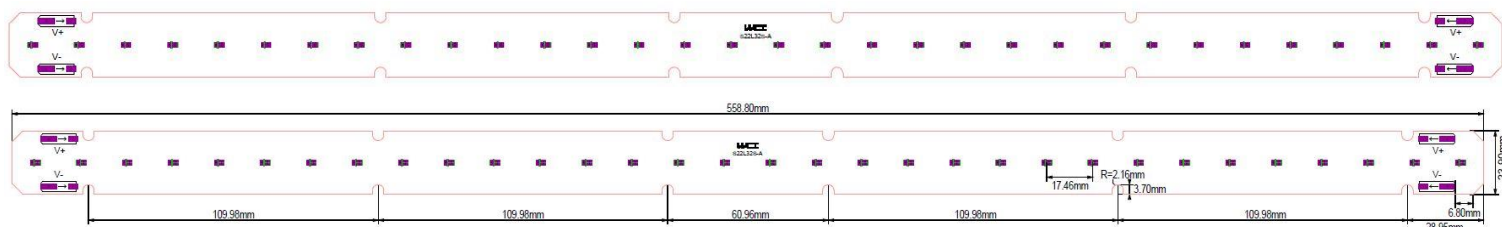
3- Light Characteristics:



Chromaticity Coordinates	$x=0.403, y=0.388$	Color Ratio	$R=0.203, G=0.763, B=0.034$
CCT	3527K	CRI	$R_a=83.7$
Energy Efficiency Class	A++ (EU 874-2012)	Color Purity	0.375



4- Dimensions and Structure:



Dimensions	Specification	Dimensions	Specification
<i>Module Length</i>	558.80 mm	<i>Module Height</i>	5.0 mm
<i>Module Width</i>	23.90 mm	<i>PCB Thickness</i>	1.0 mm
<i>PCB Material</i>	MCPCB	<i>Module Weight</i>	73 g

5- Absolute Maximum Ratings:

Parameter	Max.
<i>Forward LED Current to Module I_F</i>	1600 mA
<i>LED Junction Temperature T_j</i>	125 °C
<i>Ambient/Operating Temperature T_a</i>	-40 to 85 °C

6- Wiring for Connectors:

Specification	Value
<i>Input Wire Cross-Section, Solid/ Fine Stranded</i>	0.2 – 0.75 mm ²
	24-18 AWG
<i>Input Wire Strip Length</i>	8.0 – 9.0 mm



LINEAR 22" HD

1- Module Ordering Code:

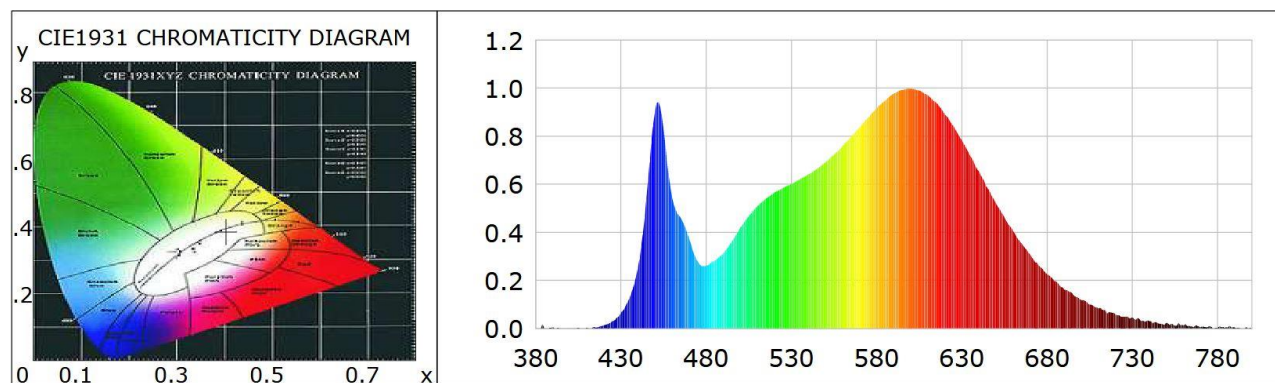
CCT	CRI	Part Number	CCT	CRI	Part Number
<i>2700K</i>	<i>80CRI</i>	L22LX56C2780CC	<i>2700K</i>	<i>90CRI</i>	L22LX56C2790CC
<i>3000K</i>		L22LX56C3080CC	<i>3000K</i>		L22LX56C3090CC
<i>3500K</i>		L22LX56C3580CC	<i>3500K</i>		L22LX56C3590CC
<i>4000K</i>		L22LX56C4080CC	<i>4000K</i>		L22LX56C4090CC
<i>5000K</i>		L22LX56C5080CC	<i>5000K</i>		L22LX56C5090CC

2- Photometric Parameters:

CCT	Luminous Flux	Efficiency	Voltage	Current/ Board	Power	Input Mode
<i>3500K 80CRI</i>	1030 lm	210 lm/W	18.93 V	260 mA	4.92 W	<i>Constant Current</i>
	2080 lm	205 lm/W	19.55 V	520 mA	10.16 W	
	3960 lm	185 lm/W	20.60 V	1040 mA	21.42 W	

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

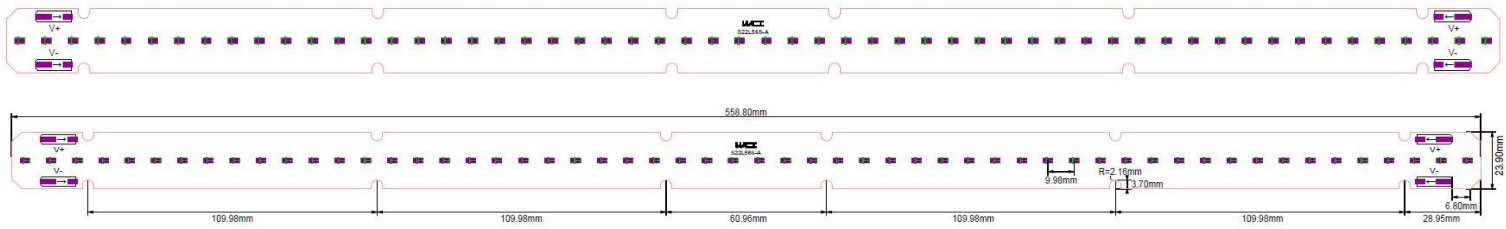
3- Light Characteristics:



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CCT	3527K	CRI	$R_a=83.7$
Energy Efficiency Class	A++ (EU 874-2012)	Color Purity	0.375



4- Dimensions and Structure:



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Specification	Value
<i>Input Wire Cross-Section, Solid/ Fine Stranded</i>	0.2 – 0.75 mm ²
	24-18 AWG
<i>Input Wire Strip Length</i>	8.0 – 9.0 mm



LINEAR 22.88"

1- Module Ordering Code:

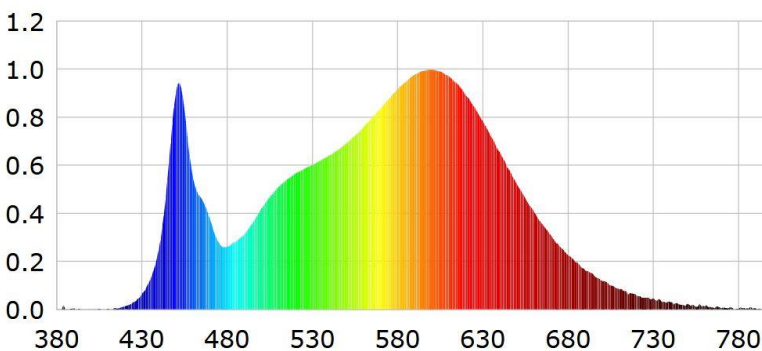
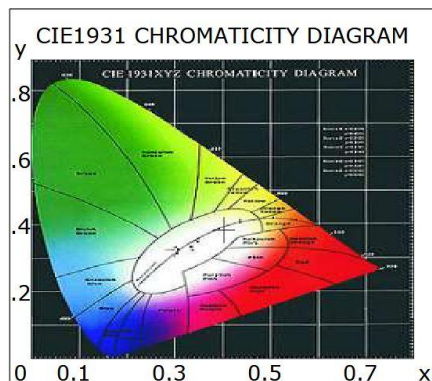
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2700K	80CRI	L23LX32C2780CC	2700K	90CRI	L23LX32C2790CC
3000K		L23LX32C3080CC	3000K		L23LX32C3090CC
3500K		L23LX32C3580CC	3500K		L23LX32C3590CC
4000K		L23LX32C4080CC	4000K		L23LX32C4090CC
5000K		L23LX32C5080CC	5000K		L23LX32C5090CC

2- Photometric Parameters:

CCT	Luminous Flux	Efficiency	Voltage	Current/ Board	Power	Input Mode
3500K 80CRI	590 lm	210 lm/W	10.82 V	260 mA	2.81 W	Constant Current
	1190 lm	205 lm/W	11.17 V	520 mA	5.81 W	
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4- Dimensions and Structure:



Dimensions	Specification	Dimensions	Specification
<i>Module Length</i>	581.15 mm	<i>Module Height</i>	5.0 mm
<i>Module Width</i>	23.90 mm	<i>PCB Thickness</i>	1.0 mm
<i>PCB Material</i>	MCPCB	<i>Module Weight</i>	73 g

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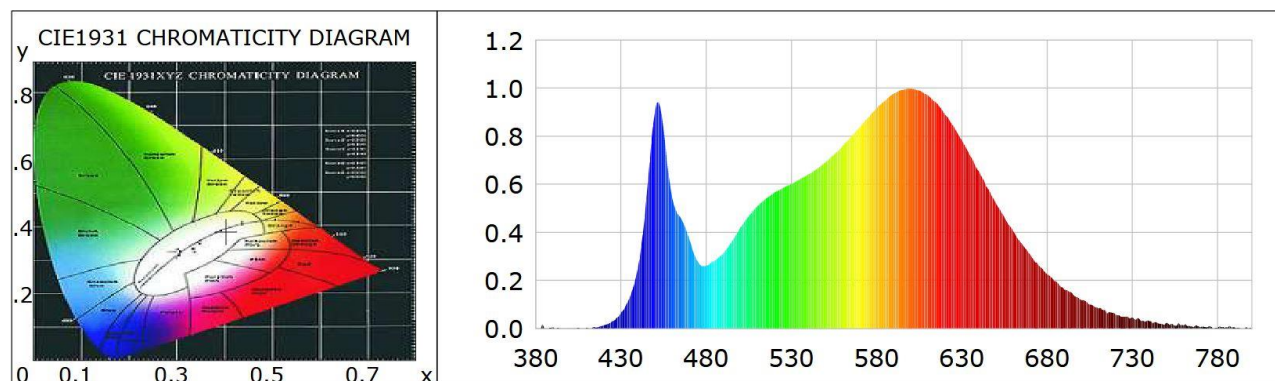
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<i>3500K</i>		L23LX56C3580CC	<i>3500K</i>		L23LX56C3590CC
<i>4000K</i>		L23LX56C4080CC	<i>4000K</i>		L23LX56C4090CC
<i>5000K</i>		L23LX56C5080CC	<i>5000K</i>		L23LX56C5090CC

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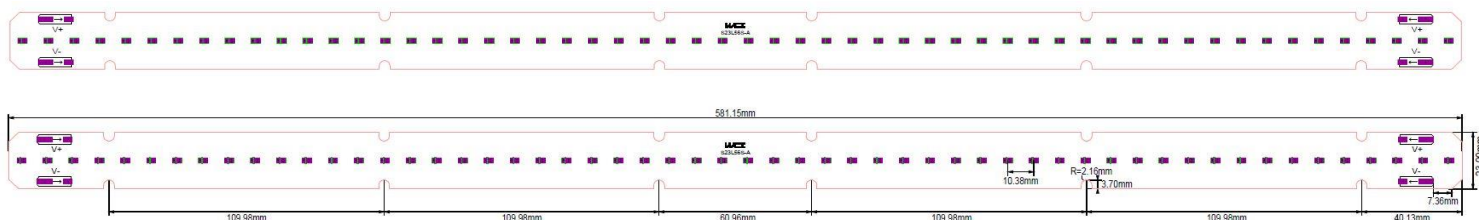
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