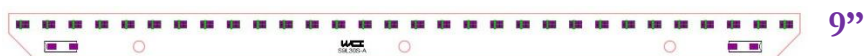


UPLIT-HD Series



STANDARD CCTs		
2700K	3000K	3500K
4000K	5000K	
STANDARD CRI's		
80		
90		

Features and Description:

- High Density Linear Edge Light Boards
- Available in lengths 6", 9", 12", 18", 24".
- High efficacy LED chips
- Up to **215** Lumen per Watt
- 3-Step Macadam Binning
- 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:

- Down Lighting
- Commercial Lighting
- Linear Applications
- General Illumination
- Retail Stores
- Warehouse Lighting





LINEAR 6"

1- Module Ordering Code:

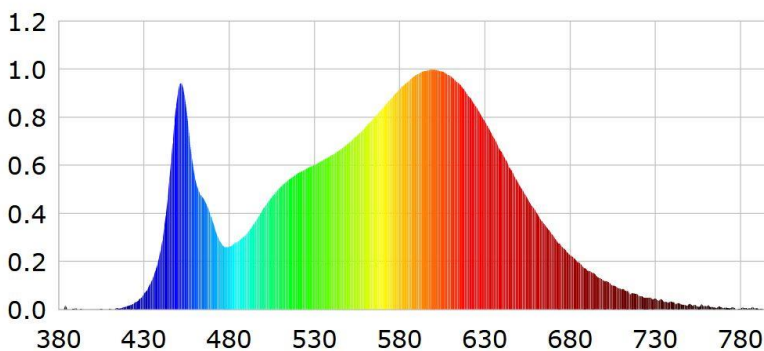
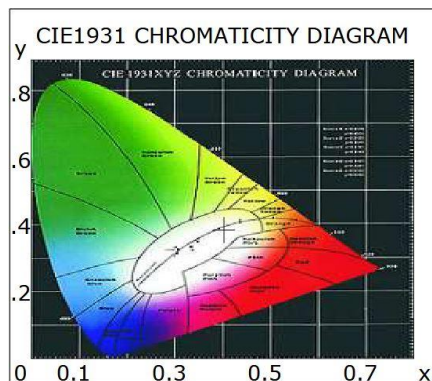
CCT	CRI	Part Number	CCT	CRI	Part Number
2700K	80CRI	L06LX20C2780CC	2700K	90CRI	L06LX20C2790CC
3000K		L06LX20C3080CC	3000K		L06LX20C3090CC
3500K		L06LX20C3580CC	3500K		L06LX20C3590CC
4000K		L06LX20C4080CC	4000K		L06LX20C4090CC
5000K		L06LX20C5080CC	5000K		L06LX20C5090CC

2- Photometric Parameters:

CCT	Luminous Flux	Efficiency	Voltage	Current/ Board	Power	Input Mode
3500K 80CRI	370 lm	210 lm/W	5.41 V	325 mA	1.76 W	Constant Current
	745 lm	205 lm/W	5.59 V	650 mA	3.63 W	
	1420 lm	185 lm/W	5.89 V	1300 mA	7.66 W	

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

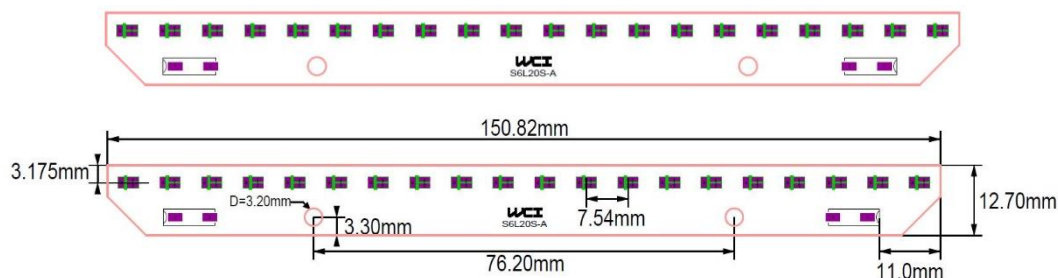
3- Light Characteristics:



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>	150.82 mm	<i>Module Height</i>	5.0 mm
<i>Module Width</i>	12.70 mm	<i>PCB Thickness</i>	1.0 mm
<i>PCB Material</i>	MCPCB	<i>Module Weight</i>	20 g

5- Absolute Maximum Ratings:

Parameter	Max.
<i>Forward LED Current to Module I_F</i>	2000 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 9"

1- Module Ordering Code:

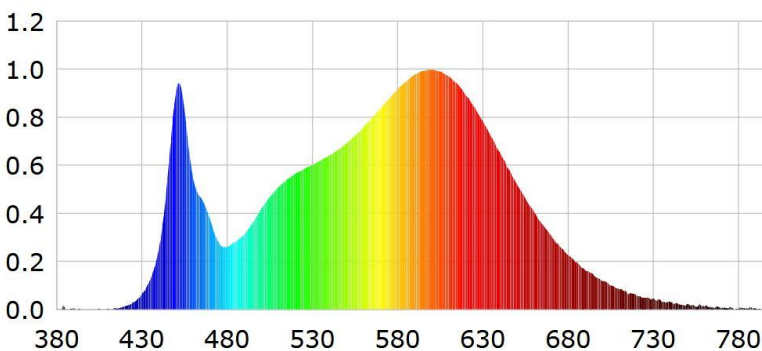
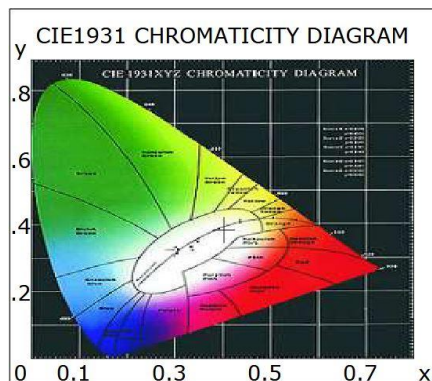
CCT	CRI	Part Number	CCT	CRI	Part Number
2700K	80CRI	L09LX30C2780CC	2700K	90CRI	L09LX30C2790CC
3000K		L09LX30C3080CC	3000K		L09LX30C3090CC
3500K		L09LX30C3580CC	3500K		L09LX30C3590CC
4000K		L09LX30C4080CC	4000K		L09LX30C4090CC
5000K		L09LX30C5080CC	5000K		L09LX30C5090CC

2- Photometric Parameters:

CCT	Luminous Flux	Efficiency	Voltage	Current/ Board	Power	Input Mode
3500K 80CRI	550 lm	210 lm/W	8.11 V	325 mA	2.63 W	Constant Current
	1120 lm	205 lm/W	8.38 V	650 mA	5.45 W	
	2120 lm	185 lm/W	8.83 V	1300 mA	11.48 W	

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

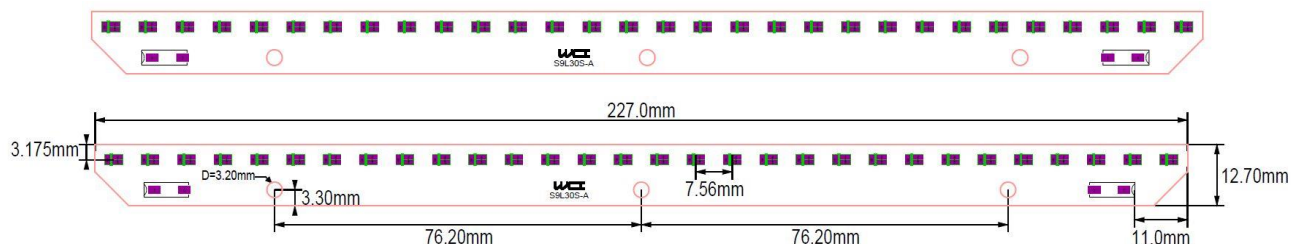
3- Light Characteristics:



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>	227.0 mm	<i>Module Height</i>	5.0 mm
<i>Module Width</i>	12.70 mm	<i>PCB Thickness</i>	1.0 mm
<i>PCB Material</i>	MCPCB	<i>Module Weight</i>	30 g

5- Absolute Maximum Ratings:

Parameter	Max.
<i>Forward LED Current to Module I_F</i>	2000 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 12"

1- Module Ordering Code:

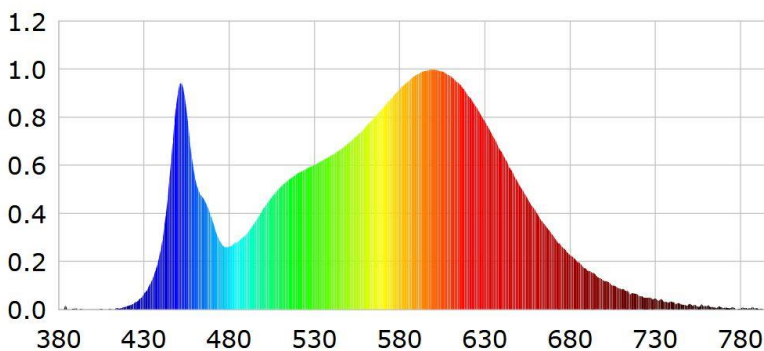
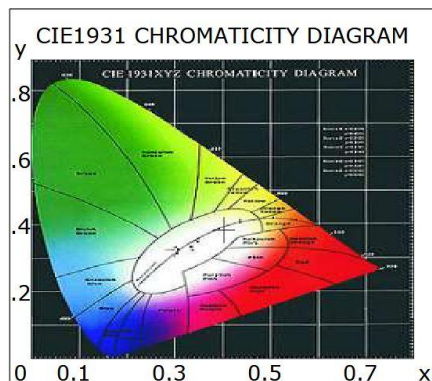
CCT	CRI	Part Number	CCT	CRI	Part Number
2700K	80CRI	L12LX40C2780CC	2700K	90CRI	L12LX40C2790CC
3000K		L12LX40C3080CC	3000K		L12LX40C3090CC
3500K		L12LX40C3580CC	3500K		L12LX40C3590CC
4000K		L12LX40C4080CC	4000K		L12LX40C4090CC
5000K		L12LX40C5080CC	5000K		L12LX40C5090CC

2- Photometric Parameters:

CCT	Luminous Flux	Efficiency	Voltage	Current/ Board	Power	Input Mode
3500K 80CRI	740 lm	210 lm/W	10.82 V	325 mA	3.52 W	Constant Current
	1490 lm	205 lm/W	11.17 V	650 mA	7.26 W	
	2830 lm	185 lm/W	11.77 V	1300 mA	15.30 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>	303.20 mm	<i>Module Height</i>	5.0 mm
<i>Module Width</i>	12.70 mm	<i>PCB Thickness</i>	1.0 mm
<i>PCB Material</i>	MCPCB	<i>Module Weight</i>	40 g

5- Absolute Maximum Ratings:

Parameter	Max.
<i>Forward LED Current to Module I_F</i>	2000 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 18"

1- Module Ordering Code:

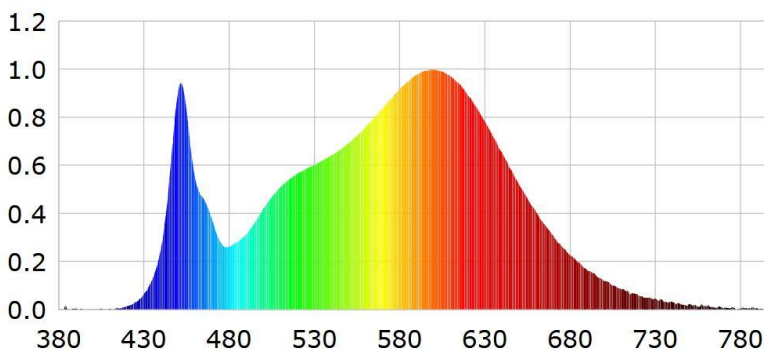
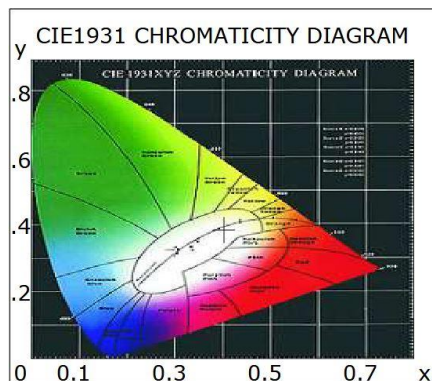
CCT	CRI	Part Number	CCT	CRI	Part Number
<i>2700K</i>	<i>80CRI</i>	L18LX60C2780CC	<i>2700K</i>	<i>90CRI</i>	L18LX60C2790CC
<i>3000K</i>		L18LX60C3080CC	<i>3000K</i>		L18LX60C3090CC
<i>3500K</i>		L18LX60C3580CC	<i>3500K</i>		L18LX60C3590CC
<i>4000K</i>		L18LX60C4080CC	<i>4000K</i>		L18LX60C4090CC
<i>5000K</i>		L18LX60C5080CC	<i>5000K</i>		L18LX60C5090CC

2- Photometric Parameters:

CCT	Luminous Flux	Efficiency	Voltage	Current/ Board	Power	Input Mode
<i>3500K 80CRI</i>	1105 lm	210 lm/W	16.22 V	325 mA	5.27 W	<i>Constant Current</i>
	2230 lm	205 lm/W	16.76 V	650 mA	10.89 W	
	4250 lm	185 lm/W	17.66 V	1300 mA	22.96 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>	455.60 mm	<i>Module Height</i>	5.0 mm
<i>Module Width</i>	12.70 mm	<i>PCB Thickness</i>	1.0 mm
<i>PCB Material</i>	MCPCB	<i>Module Weight</i>	60 g

5- Absolute Maximum Ratings:

Parameter	Max.
<i>Forward LED Current to Module I_F</i>	2000 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 24"

1- Module Ordering Code:

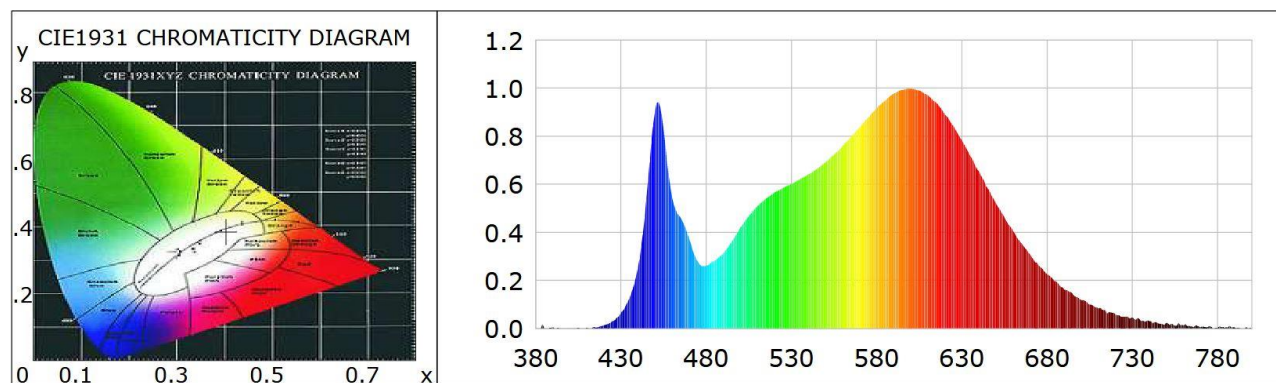
CCT	CRI	Part Number	CCT	CRI	Part Number
2700K	80CRI	L24LX80C2780CC	2700K	90CRI	L24LX80C2790CC
3000K		L24LX80C3080CC	3000K		L24LX80C3090CC
3500K		L24LX80C3580CC	3500K		L24LX80C3590CC
4000K		L24LX80C4080CC	4000K		L24LX80C4090CC
5000K		L24LX80C5080CC	5000K		L24LX80C5090CC

2- Photometric Parameters:

CCT	Luminous Flux	Efficiency	Voltage	Current/ Board	Power	Input Mode
3500K 80CRI	1475 lm	210 lm/W	21.63 V	325 mA	7.03 W	Constant Current
	2980 lm	205 lm/W	22.35 V	650 mA	14.53 W	
	5660 lm	185 lm/W	23.55 V	1300 mA	30.61 W	

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

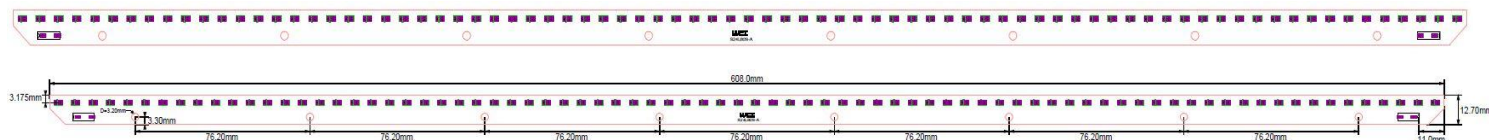
3- Light Characteristics:



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>	608.0 mm	<i>Module Height</i>	5.0 mm
<i>Module Width</i>	12.70 mm	<i>PCB Thickness</i>	1.0 mm
<i>PCB Material</i>	MCPCB	<i>Module Weight</i>	80 g

5- Absolute Maximum Ratings:

Parameter	Max.
<i>Forward LED Current to Module I_F</i>	2000 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