



# LC-SW24/2.0

LED Strips - Static White LC Series



- One bin, three step static white LED strip with 250 lm/ft @ 3000K
- 8 diodes per 2" cut point
- Available in full reels or custom cut lengths
- Offered in CCTs of 2200K, 2400K, 2700K, 3000K, 3500K, and 4000K
- Compatible with QTL's standard extrusions
- For factory built fixture, contact factory

1	2	3	4	5	6	7	8
V/WATTS	RATED	CCT - LUMENS/CRI	CONNECTOR/WIRE IN	CONNECTOR/WIRE OUT	WIRE COLOR	WIRE TYPE	ILLUMINATED LENGTH
LC-SW24/2.0	DRY						

Sample Part Number: LC-SW24/2.0-DRY-30-CON6-CON6-WH-CL2-18"

<div><div>1</div><div>V/WATTS</div><div>LC-SW24/2.0</div><div>Voltage: 24VDC Wattage: 2.0W/ft See following pages for compatible power supplies.</div></div>	<div><div>2</div><div>RATED</div><div>DRY IP20</div></div>	<div><div>3</div><div>CCT - LUMENS/CRI</div><div><div>22</div><div>2200K</div><div>195/96</div><div>24</div><div>2400K</div><div>206/96</div><div>27</div><div>2700K</div><div>237/97</div><div>30</div><div>3000K</div><div>250/96</div><div>35</div><div>3500K</div><div>253/97</div><div>40</div><div>4000K</div><div>270/95</div></div></div>	<div><div>4</div><div>CONNECTOR/WIRE IN</div><div><div>BW</div><div>BRL</div><div>CLS</div><div>CON6</div><div>CON24</div><div>Bare Wire (Standard 24")</div><div>Barrel</div><div>Closed End (No feed)</div><div>Connector 6"</div><div>Connector 24"</div></div></div>	<div><div>5</div><div>CONNECTOR/WIRE OUT</div><div><div>BW</div><div>BRL</div><div>CLS</div><div>CON6</div><div>CON24</div><div>Bare Wire (Standard 24")</div><div>Barrel</div><div>Closed End (No feed)</div><div>Connector 6"</div><div>Connector 24"</div></div></div>
<div><div>6</div><div>WIRE COLOR</div><div><div>WH</div><div>BK</div><div>N/A</div><div>White</div><div>Black</div><div>Specify for Barrel</div></div><div>Barrel is white</div></div>	<div><div>7</div><div>WIRE TYPE</div><div><div>CL2</div><div>CL2P</div><div>N/A</div><div>Class 2</div><div>Class 2 Plenum Rated</div><div>Specify for Barrel</div></div><div>CL2P only available with bare wire leads (BW)</div></div>	<div><div>8</div><div>ILLUMINATED LENGTH</div><div><div>2"-576"</div><div>2" increments</div></div><div>For Class 2 low voltage, maximum reel size 48' run length per 96W output. Reel sizes 100' Reels do not include leads.</div></div>		

5 year warranty | Warranty only valid with QTL power supplies | Field modifications must comply with QTL's installation methods otherwise warranty is null & void | All data has +/- 5% tolerance | UL Listed



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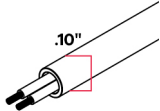
## 3 CCT – LUMENS/CRI - DELIVERED LUMENS

[Calculated L70 = 70000 hrs]  
Tested with LC-SW24/2.0-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
2200K	195	107 Lm/W	96	73	94	100
2400K	206	110 Lm/W	96	77	94	100
2700K	237	123 Lm/W	97	80	94	101
3000K	250	130 Lm/W	96	79	93	100
3500K	253	132 Lm/W	97	89	93	99
4000K	270	140 Lm/W	95	79	91	99

## 4 / 5 CONNECTOR/WIRE – IN/OUT

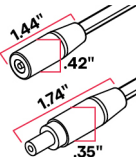
**BW**



.10"

Bare Wire 24"  
Stranded 22 AWG

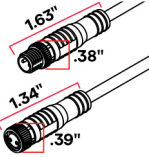
**BRL**



1.44"  
.42"  
1.74"  
.35"

Barrel 6" - DRY/DMP |  
22 AWG

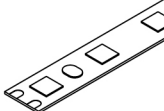
**CON6/CON24**



1.63"  
.38"  
1.34"  
.39"

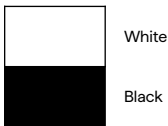
6" or 24" Overall  
Wire Connector | 22 AWG  
IP67 Rated, UL Listed

**CLS**

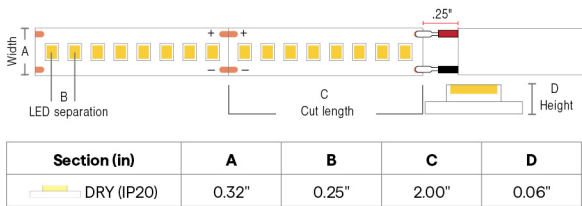


Not soldered

## 6 WIRE COLOR



## 8 ILLUMINATED LENGTH - DIMENSIONS



## COMPATIBLE EXTRUSIONS

	WIDE	ROUND	TORQ	TRE3	LALO	TALO	ARKA	TELA	VEVE	FLUR	EMBD	LATO	MDIN	OPTI-FLAT	OPTI-OPTICS	THIN
DRY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DMP																
WET																



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### COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR
	LC-SW24/1.0-4.0
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1
0.1%	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP
1%	QTM-eLED(E) QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle




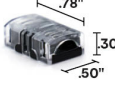
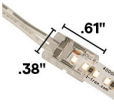

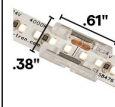
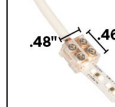








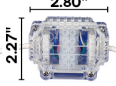
DIMMING PROTOCOL	INDOOR
	LC-SW24/1.0-4.0
Non-Dim	QTM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1
0-10V	QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP
Lutron Athena	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN
ECO System	QTM-eLED(E)
DMX	QZ-DMX
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle



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## COMPATIBLE WIRING ACCESSORIES

<b>SNP-LEAD</b>  Connects lead wire to LED strip DRY ONLY	<b>SNP-INLINE</b>  Connects LED strip to LED strip DRY ONLY	<b>CLP-LEAD</b>  Connects lead wire to LED strip DRY ONLY	<b>CLP-INLINE</b>  Connects LED strip to LED strip DRY ONLY	<b>Q-NECT-01-LEAD-24</b>  Connects LED board to 24" lead wire DRY ONLY	<b>Q-NECT-01-JUMP-3</b>  Connects two LED boards together with 3" jumper, DRY ONLY	<b>Q-NECT-01-INLINE</b>  Connects two LED boards together DRY ONLY	<b>Q-NECT-SCREW-LEAD-12</b>  Connects LED board to 12" lead wire DRY ONLY	<b>Q-NECT-SCREW-JUMP-12</b>  Connects two LED boards together with 12" jumper, DRY ONLY	<b>Q-mini-J</b>  UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)
<b>INSTALLATION KITS</b>  LEAD or JUMP DRY and WET LED strip wiring kits	<b>BARREL-EXT</b>  8ft barrel cable extender DRY ONLY	<b>BARREL FOUR-FER</b>  Splits lead from one to four LED Barrel connector fixtures, DRY/DMP	<b>CON120-EXT</b>  10ft Con cable extender DRY/DMP/WET	<b>CON FOUR-FER</b>  Splits lead from one to four LED Con connectors DRY/DMP/WET	<b>CON M - BARREL F</b>  Male con to barrel cable adaptor DRY/DMP	<b>Q-mini-J5</b>  UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)			