



# LC-SW24/6.0

LED Strips - Static White LC Series



- One bin, three step static white LED strip with 681 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-SW24/6.0	DRY						

Sample Part Number: LC-SW24/6.0-DRY-30-CON6-CON6-WH-CL2-12"

1

V/WATTS

LC-SW24/6.0

Voltage: 24VDC  
Wattage: 6.0W/ft  
See following  
pages for  
compatible power  
supplies.

2

RATED

DRY IP20

3

CCT - LUMENS/CRI

222200K 553/95

242400K 563/95

272700K 688/96

303000K 681/95

353500K 728/97

404000K 755/95

4

CONNECTOR/WIRE IN

BWBRLCLS

Bare Wire (Standard 24")  
Barrel  
Closed End (No feed)

CON6CON24

Connector 6"  
Connector 24"

5

CONNECTOR/WIRE OUT

BWBRLCLS

Bare Wire (Standard 24")  
Barrel  
Closed End (No feed)

CON6CON24

Connector 6"  
Connector 24"

6

WIRE COLOR

WHBKNA

White  
Black  
Specify for Barrel

Barrel is white

7

WIRE TYPE

CL2CL2PN/A

Class 2  
Class 2 Plenum Rated  
Specify for Barrel

CL2P only available with bare wire leads (BW)

8

ILLUMINATED LENGTH

2"-192"

2" increments

For Class 2 low voltage, maximum reel size 48' run length per 96W output. Reel sizes 100' Reels do not include leads.

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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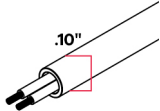
## 3 CCT – LUMENS/CRI - DELIVERED LUMENS

[Calculated L70 = 70000 hrs]  
Tested with LC-SW24/6.0-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
2200K	553	83 Lm/W	95	66	94	99
2400K	563	87 Lm/W	95	69	94	100
2700K	688	96 Lm/W	96	76	94	101
3000K	681	98 Lm/W	95	74	93	100
3500K	728	103 Lm/W	97	84	93	100
4000K	755	105 Lm/W	95	77	91	99

## 4 / 5 CONNECTOR/WIRE – IN/OUT

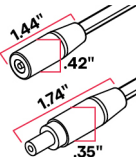
**BW**



.10"

Bare Wire 24"  
Stranded 22 AWG

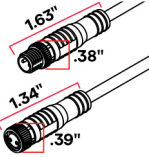
**BRL**



1.44"  
.42"  
1.74"  
.35"

Barrel 6" - DRY/DMP |  
22 AWG

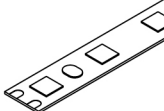
**CON6/CON24**



1.63"  
.38"  
1.34"  
.39"

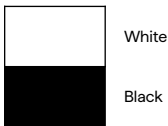
6" or 24" Overall  
Wire Connector | 22 AWG  
IP67 Rated, UL Listed

**CLS**

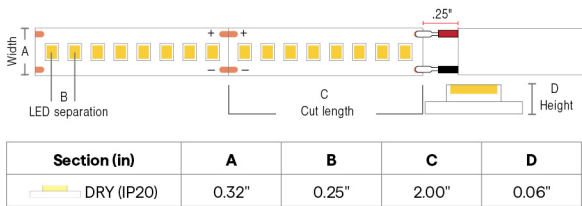


Not soldered

## 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																



## LC-SW24/6.0

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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-SW24/6.0
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










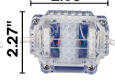






DIMMING PROTOCOL	INDOOR
	LC-SW24/6.0
Non-Dim	QTM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1
0-10V	QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP
Lutron Athena	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN 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

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