



# SC24/5.0

## LED Strips - Static Color



Declare.



- Energy-efficient static color linear LED strip available in red, green, blue, and amber
- Red and amber are FWC compliant
- 6 diodes per 2" cut point
- Ambient operating temp: -4-115°F
- Installation temp: 50-100°F | Storage temp: -4-140°F
- Calculated L70 = 50000 hrs

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
SC24/5.0							

Sample Part Number: SC24/5.0-DRY-A-BW-CLS-WH-CL2-48"

1	2	3	4	5
V/WATTS	RATED	CCT - LUMENS/CRI	CONNECTOR/WIRE IN	CONNECTOR/WIRE OUT
<b>SC24/5.0</b> Voltage: 24VDC Wattage: 5.0W/ft See following pages for compatible power supplies.	<b>DRY</b> IP20	<b>A</b> Amber 78/0 <b>B</b> Blue 126/0 <b>G</b> Green 506/0 <b>R</b> Red 129/0	<b>BW</b> Bare Wire (Standard 24") <b>BRL</b> Barrel <b>CLS</b> Closed End (No feed) <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"  Connector/Wire In not needed to specify product. Typical selection is BW. BW: Standard length is 24"; Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	<b>BW</b> Bare Wire (Standard 24") <b>BRL</b> Barrel <b>CLS</b> Closed End (No feed) <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"  Connector/Wire Out not needed to specify product. Typical selection is CLS or BW. BW: Standard length is 24"; Max length is 120". Request custom length by writing in part number next to BW (example: BW48)
	<b>DMP</b> IP54	<b>A</b> Amber 71/0 <b>B</b> Blue 109/0 <b>G</b> Green 438/0 <b>R</b> Red 112/0	<b>BW</b> Bare Wire (Standard 24") <b>BRL</b> Barrel <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"  Connector/Wire In not needed to specify product. Typical selection is BW. BW: Standard length is 24"; Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	<b>BW</b> Bare Wire (Standard 24") <b>BRL</b> Barrel <b>CLS</b> Closed End (No feed) <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"  Connector/Wire Out not needed to specify product. Typical selection is CLS or BW. BW: Standard length is 24"; Max length is 120". Request custom length by writing in part number next to BW (example: BW48)
	<b>WET</b> IP67	<b>A</b> Amber 73/0 <b>B</b> Blue 113/0 <b>G</b> Green 470/0 <b>R</b> Red 115/0	<b>BW</b> Bare Wire (Standard 24") <b>BRL</b> Barrel <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"  Connector/Wire In not needed to specify product. Typical selection is BW. BW: Standard length is 24"; Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	<b>BW</b> Bare Wire (Standard 24") <b>BRL</b> Barrel <b>CLS</b> Closed End (No feed) <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"  Connector/Wire Out not needed to specify product. Typical selection is CLS or BW. BW: Standard length is 24"; Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

6	7	8
WIRE COLOR	WIRE TYPE	ILLUMINATED LENGTH
<b>WH</b> White <b>BK</b> Black <b>N/A</b> Specify for Barrel  Barrel is white	<b>CL2</b> Class 2 <b>CL2P</b> Class 2 Plenum Rated <b>N/A</b> Specify for Barrel  CL2P only available with bare wire leads (BW)	<b>2"-230"</b> 2" increments  Available in reel lengths of 19.2' (Class 2) and 100'. Each reel will have a 2' soldered lead wire attached. Contact factory for larger reels.
<b>WH</b> White <b>BK</b> Black <b>N/A</b> Specify for Barrel  Barrel is black	<b>CL2</b> Class 2 <b>CL2P</b> Class 2 Plenum Rated <b>N/A</b> Specify for Barrel  CL2P only available with bare wire leads (BW)	<b>2"-180"</b> 2" increments
<b>WH</b> White <b>BK</b> Black <b>N/A</b> Specify for Barrel  Barrel is black	<b>CL2</b> Class 2 <b>CL2P</b> Class 2 Plenum Rated <b>N/A</b> Specify for Barrel  CL2P only available with bare wire leads (BW)	<b>2"-230"</b> 2" increments

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 | Florida Fish and Wildlife Conservation Commission (FWC) rated Strips: DRY and WET rated for Red and Amber



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## 3 CCT – LUMENS/CRI - DELIVERED LUMENS

[Calculated L70 = 50000 hrs]  
Tested with SC24/5.0-DRY

CCT	Lumen/ft	Luminous Efficacy	Wavelength
Red	129	29 Lm/W	633
Green	506	98 Lm/W	517
Blue	126	26 Lm/W	466
Amber	78	18 Lm/W	597

## TEMPERATURE RATINGS

	5.0 W/FT	
	Min	Max
Ambient Operating Temp - Surface	-4°F	115°F
Storage Temp	-4°F	140°F
Installation Temp	-50°F	100°F

## 4 / 5 CONNECTOR/WIRE – IN/OUT

Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out

**BW**

.10"

Bare Wire 24"  
Stranded 22 AWG

**BRL**

1.44"  
.42"  
1.74"  
.35"

Barrel 6" - DRY/DMP I  
22 AWG

**BRL**

1.36"  
.44"  
1.62"  
.66"

Barrel 6" - WET I 22 AWG

**CON6/CON24**

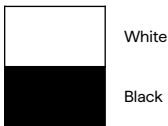
1.63"  
.38"  
1.34"  
.39"

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

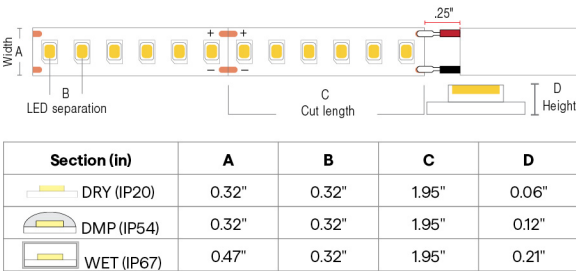
**CLS**

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	OUTDOOR
	SC	SC
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	QOM-DC+CAP QOM-PH
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V 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	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+PS-DALI-DT6 QZ-DMX QZ-PH/0-10V
1%	QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	




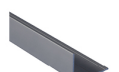
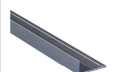
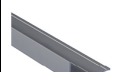
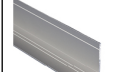

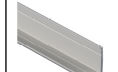
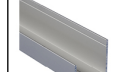






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DIMMING PROTOCOL	INDOOR	OUTDOOR
	SC	SC
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-SET-QZ-PH/0-10V QOM-DC+CAP QOM-PH QZ-PH/0-10V
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+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	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PH/0-10V
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	Q-SET-QZ-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	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	

## COMPATIBLE MOUNTING ACCESSORIES


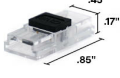








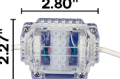






<b>QUOVA-MICRO</b>  QUOVA Knife Edge	<b>SHIELD A - Small</b>  For standalone use	<b>SHIELD B - Small</b>  For use within extrusions	<b>BL-GRAZER</b>  Backwards L Mounting Bracket	<b>BL-MICRO</b>  Backwards L Mounting Bracket	<b>BL-LARGE</b>  Backwards L Mounting Bracket	<b>SD-L-LARGE</b>  L Mounting Bracket	<b>SD-L-MEDIUM</b>  L Mounting Bracket	<b>SD-L-MICRO</b>  L Mounting Bracket	<b>SD-J-LARGE</b>  J Mounting Bracket
<b>iQ-STRAP</b>  Plastic strap, Fits all LED strips	<b>iQ-CLIP-SS12</b>  Metal clip, Fits DMP strip	<b>iQ-CLIP-SS10</b>  Metal clip, Fits WET strip	<b>iQ-CLIP-PL</b>  Plastic clip, Fits WET strip						



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## COMPATIBLE WIRING ACCESSORIES

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

## COMPATIBLE CONTROL ACCESSORIES

**SCENE APP DONGLE**



Wi-Fi or Bluetooth Connectivity

## COMPATIBLE APPS

**NFC APP**



Read and write DMX addresses and adjust voltage