



# 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	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"**

<div>1</div> <div>V/WATTS</div> <div>SC24/5.0</div> <div>Voltage: 24VDC Wattage: 5.0W/ft See following pages for compatible power supplies.</div>	<div>2</div> <div>RATED</div> <div>DRY IP20 DMP IP54 WET IP67</div>	<div>3</div> <div>CCT</div> <div>A Amber B Blue G Green R Red</div>	<div>4</div> <div>CONNECTOR/WIRE IN</div> <div>BW Bare Wire (Standard 24") BRL Barrel CLS Closed End (No feed) CON6 Connector 6" CON24 Connector 24"</div> <div>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)</div>	<div>5</div> <div>CONNECTOR/WIRE OUT</div> <div>BW Bare Wire (Standard 24") BRL Barrel CLS Closed End (No feed) CON6 Connector 6" CON24 Connector 24"</div> <div>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)</div>
<div>6</div> <div>WIRE COLOR</div> <div>WH White BK Black N/A Specify for Barrel</div> <div>Barrel is white</div>	<div>7</div> <div>WIRE TYPE</div> <div>CL2 Class 2 CL2P Class 2 Plenum Rated N/A Specify for Barrel</div> <div>CL2P only available with bare wire leads (BW)</div>	<div>8</div> <div>ILLUMINATED LENGTH</div> <div>DRY: 2"-230" in 2" increment DMP: 2"-180" in 2" increment WET: 2"-230" in 2" increment</div> <div>Dry version also 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.</div> <div>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.</div>		

## COMPATIBLE EXTRUSIONS

	WIDE	ROUND	TORQ	TRES	LALO	TALO	ARKA	TELA	VEVE	FLUR	EMBD	LATO	MDIN	OPTI-FLAT	OPTI-OPTICS	THIN
DRY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DMP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
WET	✓		✓ EXCLUDES 40° LENS	✓	✓	✓	✓	✓	✓ EXCLUDES 45° LENS	✓	✓ EXCLUDES 30°, 45°, 60° LENS	✓	✓	✓		✓ NO LENS

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



# SC24/5.0

LED Strips - Static Color

## 3 CCT – LUMENS/CRI - DELIVERED LUMENS

### DRY

[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

### DMP

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

CCT	Lumen/ft	Wavelength
Red	**	0
Green	**	0
Blue	**	0
Amber	**	0

### WET

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

CCT	Lumen/ft	Wavelength
Red	73	0
Green	113	0
Blue	470	0
Amber	115	0

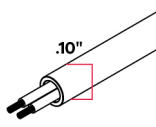
## TEMPERATURE RATINGS

	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

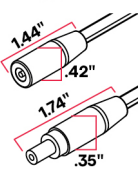
**BW**



.10"

Bare Wire 24"  
Stranded 22 AWG

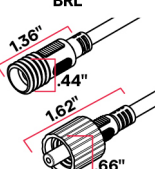
**BRL**



1.44"  
.42"  
1.74"  
.35"

Barrel 6" - DRY/DMP |  
22 AWG

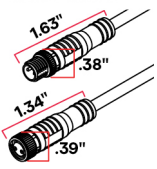
**BRL**



1.36"  
.44"  
1.62"  
.66"

Barrel 6" - WET | 22 AWG

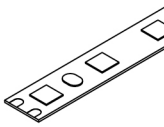
**CON6/CON24**



1.63"  
.38"  
1.34"  
.39"

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

**CLS**

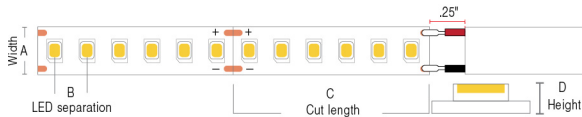


Not soldered

## 6 WIRE COLOR



## 8 ILLUMINATED LENGTH - DIMENSIONS



Section (in)	A	B	C	D
DRY (IP20)	0.32"	0.32"	1.95"	0.06"
DMP (IP54)	0.32"	0.32"	1.95"	0.12"
WET (IP67)	0.47"	0.32"	1.95"	0.21"



SC24/5.0

LED Strips - Static Color

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	




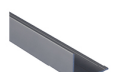
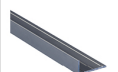
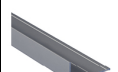
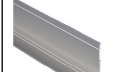

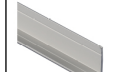
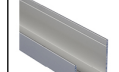






## SC24/5.0

LED Strips - Static Color

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





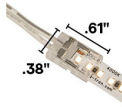

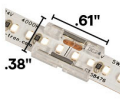



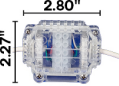






<b>QUOVA-MICRO</b>  QUOVA Knife Edge	<b>SHIELD A - Small</b>  For standalone use	<b>SHIELD B - Small</b>  For use within extrusions	<b>BL-GRAZER</b>  Backwards L Mounting Bracket	<b>BL-MICRO</b>  Backwards L Mounting Bracket	<b>BL-LARGE</b>  Backwards L Mounting Bracket	<b>SD-L-LARGE</b>  L Mounting 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						



# SC24/5.0

LED Strips - Static Color

## 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>Q-mini-J5</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			

## COMPATIBLE CONTROL ACCESSORIES

**SCENE APP DONGLE**

1.36"  
2.58"

Wi-Fi or Bluetooth Connectivity

## COMPATIBLE APPS

**NFC APP**

Read and write DMX addresses and adjust voltage