



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



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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

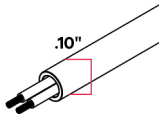
TEMPERATURE RATINGS

	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

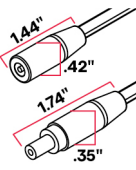
BW



.10"

Bare Wire 24"
Stranded 22 AWG

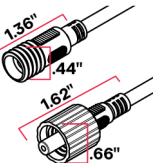
BRL



1.44"
.42"
1.74"
.35"

Barrel 6" - DRY/DMP |
22 AWG

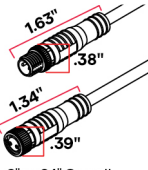
BRL



1.36"
.44"
1.62"
.66"

Barrel 6" - WET | 22 AWG

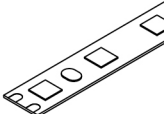
CON6/CON24



1.63"
.38"
1.34"
.39"

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

CLS

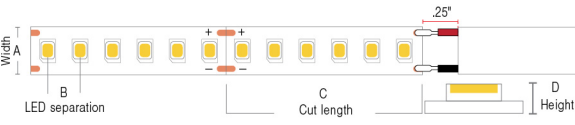


Not soldered

6 WIRE COLOR



8 ILLUMINATED LENGTH - DIMENSIONS



Width A
LED separation B
Cut length C
Height D

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"



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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	




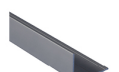
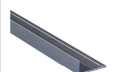
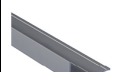
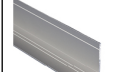

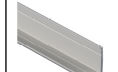
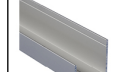






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DIMMING PROTOCOL	INDOOR	OUTDOOR
	SC	SC
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-SET-QZ-PH/0-10V 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

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



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COMPATIBLE WIRING ACCESSORIES

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

Q-NFC

Read and write DMX addresses and adjust voltage