



# SW-SCOB24/5.0

## LED Strips - Static White SCOB



Declare.



- Static white SCOB strip with 456 lm/ft @ 3000K
- 1" cut point
- Ambient operating temp: -4-120°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 |
| SW-SCOB24/5.0 | DRY   |                  |                   |                    |            |           |                    |

Sample Part Number: **SW-SCOB24/5.0-DRY-24-CON6-CLS-WH-CL2-48"**

|  |  |  |  |   |
|--|--|--|--|---|
| <div>1</div> <div>V/WATTS</div> <div>SW-SCOB24/5.0</div> <div>Voltage: 24VDC<br/>Wattage: 5.0W/ft<br/>See following pages for compatible power supplies.</div> | <div>2</div> <div>RATED</div> <div>DRY IP20</div>  | <div>3</div> <div>CCT - LUMENS/CRI</div> <div><div>222200K 419/93</div><div>242400K 431/92</div><div>272700K 446/94</div><div>303000K 456/95</div><div>353500K 469/96</div><div>404000K 490/95</div></div> | <div>4</div> <div>CONNECTOR/WIRE IN</div> <div><div>BWBare Wire (Standard 24")</div><div>BRLBarrel</div><div>CLSClosed End (No feed)</div><div>CON6Connector 6"</div><div>CON24Connector 24"</div></div> <div>Connector/Wire In not needed to specify product. Typical selection is BW.<br/>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><div>BWBare Wire (Standard 24")</div><div>BRLBarrel</div><div>CLSClosed End (No feed)</div><div>CON6Connector 6"</div><div>CON24Connector 24"</div></div> <div>Connector/Wire Out not needed to specify product. Typical selection is CLS or BW.<br/>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><div>WHWhite</div><div>BKBlack</div><div>N/ASpecify for Barrel</div></div> <div>Barrel is white</div>                  | <div>7</div> <div>WIRE TYPE</div> <div><div>CL2Class 2</div><div>CL2PClass 2 Plenum Rated</div><div>N/ASpecify for Barrel</div></div> <div>CL2P only available with bare wire leads (BW)</div> | <div>8</div> <div>ILLUMINATED LENGTH</div> <div><div>1"-228"</div><div>1" increments</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 = 50000 hrs]  
Tested with SW-SCOB24/5.0-DRY

| CCT   | Lumen/ft | Luminous Efficacy | CRI Ra | CRI R9 | TM30 Rf | TM30 Rg |
|-------|----------|-------------------|--------|--------|---------|---------|
| 2200K | 419      | 85 Lm/W           | 93     | 56     | 91      | 99      |
| 2400K | 431      | 85 Lm/W           | 92     | 81     | 91      | 101     |
| 2700K | 446      | 88 Lm/W           | 94     | 77     | 92      | 101     |
| 3000K | 456      | 90 Lm/W           | 95     | 88     | 93      | 101     |
| 3500K | 469      | 94 Lm/W           | 96     | 91     | 92      | 101     |
| 4000K | 490      | 97 Lm/W           | 95     | 91     | 92      | 102     |

## TEMPERATURE RATINGS

|     |                                  | Min  | Max   |
|-----|----------------------------------|------|-------|
| DRY | Ambient Operating Temp - Surface | -4°F | 120°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**

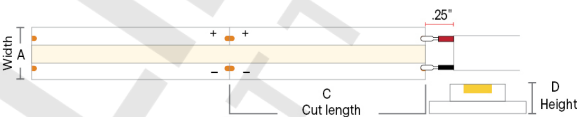
Not soldered

## 6 WIRE COLOR

White

Black

## 8 ILLUMINATED LENGTH - DIMENSIONS



| Section (in) | A     | C     | D     |
|--------------|-------|-------|-------|
| DRY (IP20)   | 0.32" | 1.00" | 0.12" |

## 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   |
|--------------|--|---|
|              | SW24/5.0, SW-HE, SW-HE+  | SW24/5.0, SW-HE, SW-HE+   |
| Dim to Black | Q6M-DC+CAP<br>QTM-DC+CAP<br>iQ-PH+QD1  | QOM-DC+CAP<br>QOM-PH  |
| 0.1%         | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-BOWTIE+DIMMER<br>QZ-DMX<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | Q-SET-QZ-DMX<br>Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QOM-eLED+DALI-DT6<br>QOM-eLED+PS-DALI-DT6<br>QZ-DMX<br>QZ-PH/0-10V |
| 1%           | QTM-eLED(E)<br>QZ-DALI-DT6   | Q-SET+QZ-DALI-DT6<br>QZ-DALI-DT6  |
| 10%          | Non-Dim Power Supply with SW App Dongle  |   |



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| DIMMING PROTOCOL | INDOOR   | OUTDOOR  |
|------------------|--|--|
|                  | SW24/5.0, SW-HE, SW-HE+  | SW24/5.0, SW-HE, SW-HE+  |
| Non-Dim          | QT-CAB-eLED-ND<br>QTM-eLED-ND<br>QZ-ND   | Q-SET-QZ-ND<br>Q-SET-eLED-ND<br>QOM-eLED-ND<br>QZ-ND                   |
| Phase            | Q6M-DC+CAP<br>QT-CAB-QZ-PH/0-10V<br>QTM-DC+CAP<br>QTM-eLED(E)<br>QZ-BOWTIE+DIMMER<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP<br>iQ-PH+QD1           | Q-SET-QZ-PH/0-10V<br>QOM-DC+CAP<br>QOM-PH<br>QZ-PH/0-10V               |
| 0-10V            | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QZ-PH/0-10V |
| Lutron Athena    | QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6-AWN   |  |
| ECO System       | QTM-eLED(E)  |  |
| DMX              | QZ-DMX   | Q-SET-QZ-DMX<br>QZ-DMX   |
| DALI-2: DT6      | QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-DALI-DT6  | Q-SET+QZ-DALI-DT6<br>QOM-eLED+DALI-DT6<br>QZ-DALI-DT6                  |
| SCENE App Dimmed | Non-Dim Power Supply with SW App Dongle  |  |

## COMPATIBLE WIRING ACCESSORIES

|   |   |   |   |   |   |  |
|---|---|---|---|---|---|--|
| <b>BARREL-EXT</b>   | <b>BARREL FOUR-FER</b>  | <b>CON120-EXT</b>   | <b>CON FOUR-FER</b>   | <b>CON M - BARREL F</b>   | <b>Q-mini-J</b>   | <b>Q-mini-J5</b>   |
|  |  |  |  |  |  |  |
| 8ft barrel cable extender<br>DRY ONLY   | Splits lead from one to four LED Barrel connector fixtures, DRY/DMP                 | 10ft Con cable extender<br>DRY/DMP/WET  | Splits lead from one to four LED Con connectors<br>DRY/DMP/WET                      | Male con to barrel cable adaptor<br>DRY/DMP   | UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)                | UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)                 |

## COMPATIBLE CONTROL ACCESSORIES

### SCENE APP DONGLE





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### COMPATIBLE APPS

#### NFC APP



Read and write  
DMX addresses and  
adjust voltage

PRELIMINARY  
SUBJECT TO CHANGE