

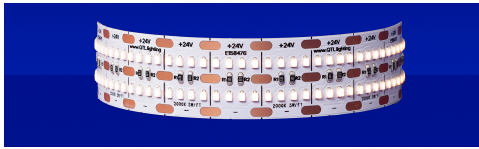


# SW-DR24/1.5

LED Strips - Static White Double Row



Declare.



- One bin, one step static white LED strip with 164 lm/ft @ 3000K provides even, consistent color
- 8 diodes per 0.5" cut point
- Ambient operating temp: -4-150°F
- Installation temp: 50-100°F | Storage temp: -4-140°F
- Calculated L70 = 70000 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-DR24/1.5 | DRY   |                  |                   |                    |            |           |                    |

Sample Part Number: **SW-DR24/1.5-DRY-30-BW-BW-WH-CL2-48"**

|  |  |   |  |   |
|--|--|---|--|---|
| <div>1</div> <div>V/WATTS</div> <div>SW-DR24/1.5</div> <div>Voltage: 24VDC<br/>Wattage: 1.5W/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>181800K **/**</div><div>202000K 140/93</div><div>222200K 139/96</div><div>242400K 148/96</div><div>272700K 157/97</div><div>303000K 164/98</div><div>353500K 173/98</div><div>404000K 170/97</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>0.5"-768"0.5" 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 = 70000 hrs]  
Tested with SW-DR24/1.5-DRY

| CCT   | Lumen/ft | Luminous Efficacy | CRI Ra | CRI R9 | TM30 Rf | TM30 Rg |
|-------|----------|-------------------|--------|--------|---------|---------|
| 1800K | **       | **                | **     | **     | **      | **      |
| 2000K | 140      | 95                | 93     | 61     | 90      | 103     |
| 2200K | 139      | 94                | 96     | 92     | 94      | 100     |
| 2400K | 148      | 102               | 96     | 95     | 95      | 101     |
| 2700K | 157      | 106               | 97     | 98     | 94      | 101     |
| 3000K | 164      | 111               | 98     | 98     | 94      | 101     |
| 3500K | 173      | 118               | 98     | 97     | 93      | 100     |
| 4000K | 170      | 115               | 97     | 90     | 91      | 100     |

## TEMPERATURE RATINGS

|     |                                  | Min  | Max   |
|-----|----------------------------------|------|-------|
| DRY | Ambient Operating Temp - Surface | -4°F | 150°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**

Bare Wire 24"  
Stranded 22 AWG

**BRL**

Barrel 6" - DRY/DMP |  
22 AWG

**CON6/CON24**

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

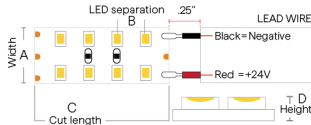
**CLS**

Not soldered

## 6 WIRE COLOR



## 8 ILLUMINATED LENGTH - DIMENSIONS



| Section (in) | A     | B     | C    | D     |
|--------------|-------|-------|------|-------|
| DRY (IP20)   | 0.78" | 0.12" | .50" | 0.04" |

## 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   |
|--------------|--|
|              | SW24/1.5-4.0   |
| Dim to Black | Q6M-DC+CAP<br>QTM-DC+CAP<br>iQ-PH+QD1  |
| 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 |
| 1%           | QTM-eLED(E)<br>QZ-DALI-DT6   |
| 10%          | Non-Dim Power Supply with SW App Dongle  |



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| DIMMING<br>PROTOCOL | INDOOR   |
|---------------------|--|
|                     | SW24/1.5-4.0   |
| Non-Dim             | QT-CAB-eLED-ND<br>QTM-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           |
| 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 |
| 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   |
| 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  |
| SCENE App Dimmed    | Non-Dim Power Supply with SW App Dongle  |

## COMPATIBLE MOUNTING ACCESSORIES

|                  |                              |                              |                              |                    |                    |                    |                    |                                    |
|------------------|------------------------------|------------------------------|------------------------------|--------------------|--------------------|--------------------|--------------------|------------------------------------|
| QUOVA-MICRO      | BL-GRAZER                    | BL-MICRO                     | BL-LARGE                     | SD-L-LARGE         | SD-L-MEDIUM        | SD-L-MICRO         | SD-J-LARGE         | IQ-STRAP                           |
|                  |                              |                              |                              |                    |                    |                    |                    |                                    |
| QUOVA Knife Edge | Backwards L Mounting Bracket | Backwards L Mounting Bracket | Backwards L Mounting Bracket | L Mounting Bracket | L Mounting Bracket | L Mounting Bracket | J Mounting Bracket | Plastic strap. Fits all LED strips |

## COMPATIBLE WIRING ACCESSORIES

|                                       |   |  |  |   |  |  |  |
|---------------------------------------|---|--|--|---|--|--|--|
| BARREL-EXT                            | BARREL FOUR-FER   | CON120-EXT                             | CON FOUR-FER   | CON M - BARREL F                            | Q-mini-J   | Q-mini-J5  | INSTALLATION KITS                              |
|                                       |   |  |  |   |  |  |  |
| 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) | LEAD or JUMP DRY and WET LED strip wiring kits |



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### COMPATIBLE CONTROL ACCESSORIES

#### SCENE APP DONGLE



Wi-Fi or Bluetooth  
Connectivity

### COMPATIBLE APPS

#### NFC APP



Read and write  
DMX addresses and  
adjust voltage