

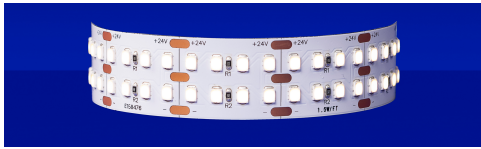


# SW-HE-DR24/9.0

LED Strips - Static White High Efficacy  
Double Row



Declare.



- High-efficacy, one bin, one step static-white LED tape provides consistent color project to project with exceptional photometric qualities
- 8 diodes per 1" cutpoint
- Field-cutable up to 128"
- Ambient operating temp: -4-85°F
- Installation temp: 50-100°F | Storage temp: -4-140°F
- Calculated L70 = 66000 hrs
- SW-HE-DR24/9.0 MUST BE USED WITH A COMPATIBLE EXTRUSION

| 1<br>V/WATTS   | 2<br>RATED | 3<br>CCT | 4<br>CONNECTOR/WIRE IN | 5<br>CONNECTOR/WIRE OUT | 6<br>WIRE COLOR | 7<br>WIRE TYPE | 8<br>ILLUMINATED LENGTH |
|----------------|------------|----------|------------------------|-------------------------|-----------------|----------------|-------------------------|
| SW-HE-DR24/9.0 | DRY        |          |                        |                         |                 |                |                         |

Sample Part Number: **SW-HE-DR24/9.0-DRY-20-BW-CLS-WH-CL2-48"**

|                                                                                                                                                                 |                                                                                                                                                                            |                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>1</div> <div>V/WATTS</div> <div>SW-HE-DR24/9.0</div> <div>Voltage: 24VDC<br/>Wattage: 9.0W/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</div> <div>18 1800K<br/>20 2000K<br/>22 2200K<br/>24 2400K<br/>27 2700K<br/>30 3000K<br/>35 3500K<br/>40 4000K</div>                                                                                                                    | <div>4</div> <div>CONNECTOR/WIRE IN</div> <div>BW Bare Wire (Standard 24")<br/>BRL Barrel<br/>CLS Closed End (No feed)<br/>CON6 Connector 6"<br/>CON24 Connector 24"</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>BW Bare Wire (Standard 24")<br/>BRL Barrel<br/>CLS Closed End (No feed)<br/>CON6 Connector 6"<br/>CON24 Connector 24"</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>WH White<br/>BK Black<br/>N/A Specify for Barrel</div> <div>Barrel is white</div>                                       | <div>7</div> <div>WIRE TYPE</div> <div>CL2 Class 2<br/>CL2P Class 2 Plenum Rated<br/>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: 1"-128" in 1" increment</div> <div>Dry version also available in reel lengths of 10.6' (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 | TRE3 | LALO | TALO | ARKA | TELA | VEVE | FLUR | EMBD | LATO | MDIN | OPTI-FLAT | OPTI-OPTICS | THIN |
|-----|------|-------|------|------|------|------|------|------|------|------|------|------|------|-----------|-------------|------|
| DRY |      |       |      |      |      |      |      |      |      |      |      |      |      | ✓         |             |      |
| DMP |      |       |      |      |      |      |      |      |      |      |      |      |      |           |             |      |
| WET |      |       |      |      |      |      |      |      |      |      |      |      |      |           |             |      |

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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### TEMPERATURE RATINGS

|     |                                  | Min  | Max   |
|-----|----------------------------------|------|-------|
| DRY | Ambient Operating Temp - Surface | -4°F | 85°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

**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

LED separation .25"

Width A

Length B

Cut length C

Height D

LEAD WIRE  
Black = Negative  
Red = +24V

| Section (in) | A     | B     | C     | D     |
|--------------|-------|-------|-------|-------|
| DRY (IP20)   | 0.78" | 0.25" | 1.00" | 0.05" |



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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                                                                                                                                                                                                                                                                               |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | SW24/5.0, SW-HE, SW-HE+                                                                                                                                                                                                                                                              |
| Dim to Black | Q6M-DC+CAP<br>QTM-DC+CAP<br>IQ-PH+QDT1                                                                                                                                                                                                                                               |
| 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                                                                                                                                                                                                                                              |


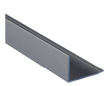
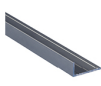
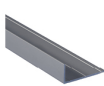







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| DIMMING<br>PROTOCOL | INDOOR                                                                                                                                               |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | SW24/5.0, SW-HE, SW-HE+                                                                                                                              |
| 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

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



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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