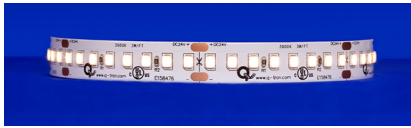




SW-HE24/6.0

LED Strips - Static White High Efficacy



- High-efficacy, one bin, one step static white LED tape provides consistent color project to project with exceptional photometric qualities
- 8 diodes per 2" cut point
- Dry and wet-rated
- Field-cutable up to 192"
- Ambient operating temp: -4-115°F
- Installation temp: 50-100°F | Storage temp: -4-140°F
- Calculated L70 = 66000 hrs

| 1 V/WATTS | 2 RATED | 3 CCT | 4 CONNECTOR/WIRE IN | 5 CONNECTOR/WIRE OUT | 6 WIRE COLOR | 7 WIRE TYPE | 8 ILLUMINATED LENGTH |
|--------------|------------|----------|------------------------|-------------------------|-----------------|----------------|-------------------------|
| SW-HE24/6.0 | | | | | | | |

Sample Part Number: **SW-HE24/6.0-DMP-24-BW-CLS-WH-CL2-48"**

| | | | | | | | |
|--|---|--|---|--|---|--|---|
| 1 V/WATTS SW-HE24/6.0 Voltage: 24VDC Wattage: 6.0W/ft See following pages for compatible power supplies. | 2 RATED DRY IP20 DMP IP54 WET IP67 | 3 CCT 18 1800K 20 2000K 22 2200K 24 2400K 27 2700K 30 3000K 35 3500K 40 4000K | 4 CONNECTOR/WIRE IN BW Bare Wire (Standard 24") BRL Barrel CLS Closed End (No feed) CON6 Connector 6" CON24 Connector 24" 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) | 5 CONNECTOR/WIRE OUT BW Bare Wire (Standard 24") BRL Barrel CLS Closed End (No feed) CON6 Connector 6" CON24 Connector 24" 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) | 6 WIRE COLOR WH White BK Black N/A Specify for Barrel Barrel is white | 7 WIRE TYPE CL2 Class 2 CL2P Class 2 Plenum Rated N/A Specify for Barrel CL2P only available with bare wire leads (BW) | 8 ILLUMINATED LENGTH DRY: 2"-192" in 2" increment DMP: 2"-180" in 2" increment WET: 2"-192" in 2" increment Dry version also available in reel lengths of 16' (Class 2) and 100'. Each reel will have a 2' soldered lead wire attached. Contact factory for larger reels. Available in reel lengths of 16' (Class 2) and 100'. Each reel will have a 2' soldered lead wire attached. Contact factory for larger reels. |
|--|---|--|---|--|---|--|---|

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 | Consult factory for alternate Kelvin temperature | Title 24 - JA8-2019 Strips: DRY and WET rated, 2000K and above



SW-HE24/6.0

LED Strips - Static White High Efficacy

3 CCT – LUMENS/CRI - DELIVERED LUMENS

DRY

[Calculated L70 = 66000 hrs]
Tested with SW-HE24/6.0-DRY

| CCT | Lumen/ft | Luminous Efficacy | CRI Ra | CRI R9 | TM30 Rf | TM30 Rg |
|-------|----------|-------------------|--------|--------|---------|---------|
| 2000K | 693 | 111 Lm/W | 93 | 59 | 91 | 101 |
| 2200K | 685 | 114 Lm/W | 96 | 88 | 92 | 97 |
| 2400K | 703 | 117 Lm/W | 96 | 93 | 92 | 99 |
| 2700K | 710 | 118 Lm/W | 97 | 94 | 94 | 100 |
| 3000K | 771 | 128 Lm/W | 98 | 95 | 93 | 99 |
| 3500K | 794 | 132 Lm/W | 98 | 94 | 92 | 99 |
| 4000K | 779 | 130 Lm/W | 97 | 98 | 91 | 98 |

DMP

[Calculated L70 = 66000 hrs]
Tested with SW-HE24/6.0-DMP

| CCT | Lumen/ft | CRI Ra |
|-------|----------|--------|
| 2000K | ** | ** |
| 2200K | ** | ** |
| 2400K | ** | ** |
| 2700K | ** | ** |
| 3000K | ** | ** |
| 3500K | ** | ** |
| 4000K | ** | ** |

WET

[Calculated L70 = 66000 hrs]
Tested with SW-HE24/6.0-WET

| CCT | Lumen/ft | CRI Ra |
|-------|----------|--------|
| 2000K | 609 | 93 |
| 2200K | 594 | 96 |
| 2400K | 620 | 96 |
| 2700K | 627 | 97 |
| 3000K | 656 | 98 |
| 3500K | 697 | 98 |
| 4000K | 674 | 97 |

TEMPERATURE RATINGS

| | | Min | Max |
|-----|----------------------------------|------|-------|
| DRY | 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

BRL

BRL

CON6/CON24

CLS

6 WIRE COLOR



8 ILLUMINATED LENGTH - DIMENSIONS

| Section (in) | A | B | C | D |
|--------------|-------|-------|-------|-------|
| DRY (IP20) | 0.47" | 0.24" | 2.00" | 0.07" |
| DMP (IP54) | 0.47" | 0.24" | 2.00" | 0.15" |
| WET (IP67) | 0.55" | 0.24" | 2.00" | 0.16" |



SW-HE24/6.0

LED Strips - Static White High Efficacy

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 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 | |



SW-HE24/6.0

LED Strips - Static White High Efficacy

| DIMMING PROTOCOL | INDOOR | OUTDOOR |
|------------------|--|--|
| | SW24/5.0, SW-HE, SW-HE+ | SW24/5.0, SW-HE, SW-HE+ |
| 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


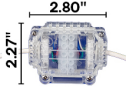







| | | | | | | | | | |
|---|---|--|---|---|---|---|--|---|---|
| <div>QUOVA-MICRO</div> <div></div> <div>QUOVA Knife Edge</div> | <div>SHIELD A - Large</div> <div></div> <div>For standalone use</div> | <div>SHIELD B - Large</div> <div></div> <div>For use within extrusions</div> | <div>BL-GRAZER</div>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



SW-HE24/6.0

LED Strips - Static White High Efficacy

COMPATIBLE WIRING ACCESSORIES

| | | | | | | | | |
|--|--|--|---|---|---|--|--|---|
|  <p>Q-mini-J</p> <p>2"</p> <p>1.25"</p> <p>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)</p> |  <p>Q-mini-J5</p> <p>2.80"</p> <p>2.27"</p> <p>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)</p> |  <p>BARREL-EXT</p> <p>8ft barrel cable extender</p> <p>DRY ONLY</p> |  <p>BARREL FOUR-FER</p> <p>Splits lead from one to four LED Barrel connector fixtures, DRY/DMP</p> |  <p>CON120-EXT</p> <p>10ft Con cable extender</p> <p>DRY/DMP/WET</p> |  <p>CON FOUR-FER</p> <p>Splits lead from one to four LED Con connectors</p> <p>DRY/DMP/WET</p> |  <p>Q-NECT-03-LEAD-24</p> <p>.61"</p> <p>.38"</p> <p>Connects LED board to 24" lead wire</p> <p>DRY ONLY</p> |  <p>Q-NECT-03-JUMP-3</p> <p>3"</p> <p>Connects two LED boards together with 3" jumper, DRY ONLY</p> |  <p>Q-NECT-03-INLINE</p> <p>.61"</p> <p>.38"</p> <p>Connects two LED boards together</p> <p>DRY ONLY</p> |
|--|--|--|---|---|---|--|--|---|

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

