



PERI - SW-CV CHART

LED Strips - Static White High Efficacy



| 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-HE24/3.0 | | | | | | | |

| 1 | 2 | 3 | 4 | 5 |
|-------------|---|---|---|---|
| V/WATTS | RATED | CCT - LUMENS/CRI | CONNECTOR/WIRE IN | CONNECTOR/WIRE OUT |
| SW-HE24/3.0 | <div>DRY IP20</div> <div>DMP IP54</div> <div>WET IP67</div> | <div><div>20</div><div>22</div><div>24</div><div>27</div><div>30</div><div>35</div><div>40</div><div>2000K 362/93</div><div>2200K 377/96</div><div>2400K 391/97</div><div>2700K 398/97</div><div>3000K 407/98</div><div>3500K 468/97</div><div>4000K 462/97</div></div> <div><div>24</div><div>27</div><div>30</div><div>35</div><div>40</div><div>2400K 353/93</div><div>2700K 323/94</div><div>3000K 349/97</div><div>3500K 382/98</div><div>4000K 405/97</div></div> <div><div>20</div><div>22</div><div>24</div><div>27</div><div>30</div><div>35</div><div>40</div><div>2000K 309/93</div><div>2200K 341/96</div><div>2400K 357/96</div><div>2700K 369/97</div><div>3000K 381/98</div><div>3500K 427/98</div><div>4000K 411/97</div></div> | <div><div>BW</div><div>BRL</div><div>CLS</div><div>CON6</div><div>CON24</div><div>Bare Wire (Standard 24")</div><div>Barrel</div><div>Closed End (No feed)</div><div>Connector 6"</div><div>Connector 24"</div></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><div>BW</div><div>BRL</div><div>CLS</div><div>CON6</div><div>CON24</div><div>Bare Wire (Standard 24")</div><div>Barrel</div><div>Closed End (No feed)</div><div>Connector 6"</div><div>Connector 24"</div></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> |

| 6 | 7 | 8 |
|--|---|---|
| WIRE COLOR | WIRE TYPE | ILLUMINATED LENGTH |
| <div>DRY</div> <div><div>WH</div><div>BK</div><div>N/A</div><div>White</div><div>Black</div><div>Specify for Barrel</div></div> <div>Barrel is white</div> | <div><div>CL2</div><div>CL2P</div><div>N/A</div><div>Class 2</div><div>Class 2 Plenum Rated</div><div>Specify for Barrel</div></div> <div>CL2P only available with bare wire leads (BW)</div> | <div><div>2"-384"</div><div>2" increments</div></div> |
| <div>DMP</div> <div><div>WH</div><div>BK</div><div>N/A</div><div>White</div><div>Black</div><div>Specify for Barrel</div></div> <div>Barrel is black</div> | <div><div>CL2</div><div>CL2P</div><div>N/A</div><div>Class 2</div><div>Class 2 Plenum Rated</div><div>Specify for Barrel</div></div> <div>CL2P only available with bare wire leads (BW)</div> | <div><div>2"-180"</div><div>2" increments</div></div> |
| <div>WET</div> <div><div>WH</div><div>BK</div><div>N/A</div><div>White</div><div>Black</div><div>Specify for Barrel</div></div> <div>Barrel is black</div> | <div><div>CL2</div><div>CL2P</div><div>N/A</div><div>Class 2</div><div>Class 2 Plenum Rated</div><div>Specify for Barrel</div></div> <div>CL2P only available with bare wire leads (BW)</div> | <div><div>2"-360"</div><div>2" increments</div></div> |



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3 CCT – LUMENS/CRI - DELIVERED LUMENS

[Calculated L70 = 66000 hrs]
Tested with SW-HE24/3.0-DRY

| CCT | Lumen/ft | Luminous Efficacy | CRI Ra | CRI R9 | TM30 Rf | TM30 Rg |
|-------|----------|-------------------|--------|--------|---------|---------|
| 2000K | 362 | 121 Lm/W | 93 | 61 | 91 | 101 |
| 2200K | 377 | 126 Lm/W | 96 | 90 | 93 | 98 |
| 2400K | 391 | 130 Lm/W | 97 | 94 | 92 | 98 |
| 2700K | 398 | 137 Lm/W | 97 | 96 | 93 | 100 |
| 3000K | 407 | 140 Lm/W | 98 | 96 | 93 | 100 |
| 3500K | 468 | 156 Lm/W | 97 | 93 | 91 | 98 |
| 4000K | 462 | 154 Lm/W | 97 | 97 | 91 | 98 |

TEMPERATURE RATINGS

| | | Min | Max |
|-----|----------------------------------|------|-------|
| DRY | Ambient Operating Temp - Surface | -4°F | 145°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

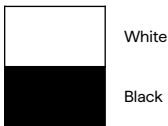
1.63"
.38"
1.34"
.39"

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

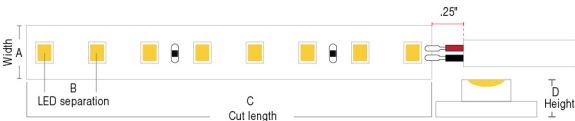
CLS

Not soldered

6 WIRE COLOR



8 ILLUMINATED LENGTH - DIMENSIONS



| 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" |

COMPATIBLE EXTRUSIONS

| | WIDE | ROND | TORQ | TRE3 | LALO | TALO | ARKA | TELA | VEVE | FLUR | EMBD | LATO | MDIN | OPTI | 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 |
|--------------|--|
| | SW24/5.0, SW-HE, SW-HE+ |
| Dim to Black | Q6M-DC+CAP QTM-DC+CAP IQ-PH IQ-PH+QD1 |
| 0.1% | 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-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP |
| 1% | QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED(E) QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6 |
| 10% | Non-Dim Power Supply with SW App Dongle |



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| DIMMING PROTOCOL | INDOOR |
|---------------------|--|
| | SW24/5.0, SW-HE, SW-HE+ |
| Non-Dim | QT-CAB-eLED-ND QTM-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 IQ-PH+QD1 |
| 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 |
| 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 |
| 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 |
| SCENE App Dimmed | Non-Dim Power Supply with SW App Dongle |

COMPATIBLE MOUNTING ACCESSORIES

| | | | | | | | | | |
|------------------|--------------------|---------------------------|------------------------------|------------------------------|------------------------------|--------------------|--------------------|--------------------|--------------------|
| QUOVA-MICRO | SHIELD A - Large | SHIELD B - Large | BL-GRAZER | BL-MICRO | BL-LARGE | SD-L-LARGE | SD-L-MEDIUM | SD-L-MICRO | SD-J-LARGE |
| | | | | | | | | | |
| QUOVA Knife Edge | For standalone use | For use within extrusions | Backwards L Mounting Bracket | Backwards L Mounting Bracket | Backwards L Mounting Bracket | L Mounting Bracket | L Mounting Bracket | L Mounting Bracket | J Mounting Bracket |

COMPATIBLE WIRING ACCESSORIES

| | | | | | | | | |
|--|--|------------------------------------|---|-------------------------------------|---|--|---|---|
| Q-mini-J | Q-mini-J5 | BARREL-EXT | BARREL FOUR-FER | CON120-EXT | CON FOUR-FER | Q-NECT-03-LEAD-24 | Q-NECT-03-JUMP-3 | Q-NECT-03-INLINE |
| | | | | | | | | |
| 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 | Connects LED board to 24" lead wire DRY ONLY | Connects two LED boards together with 3" jumper, DRY ONLY | Connects two LED boards together DRY ONLY |



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COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth
Connectivity

COMPATIBLE APPS

SCENE APP



Create and control
scenes and
automations