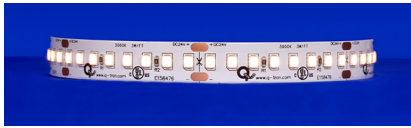




# SW-HE24/6.0

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

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

<b>1</b> <b>V/WATTS</b>  <b>SW-HE24/6.0</b>  Voltage: 24VDC Wattage: 6.0W/ft See following pages for compatible power supplies.	<b>2</b> <b>RATED</b>  <b>DRY</b> IP20 <b>DMP</b> IP54 <b>WET</b> IP67	<b>3</b> <b>CCT</b>  <b>18</b> 1800K <b>20</b> 2000K <b>22</b> 2200K <b>24</b> 2400K <b>27</b> 2700K <b>30</b> 3000K <b>35</b> 3500K <b>40</b> 4000K	<b>4</b> <b>CONNECTOR/WIRE IN</b>  <b>BW</b> Bare Wire (Standard 24") <b>BRL</b> Barrel <b>CLS</b> Closed End (No feed) <b>CON6</b> Connector 6" <b>CON24</b> 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)	<b>5</b> <b>CONNECTOR/WIRE OUT</b>  <b>BW</b> Bare Wire (Standard 24") <b>BRL</b> Barrel <b>CLS</b> Closed End (No feed) <b>CON6</b> Connector 6" <b>CON24</b> 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)	<b>6</b> <b>WIRE COLOR</b>  <b>WH</b> White <b>BK</b> Black <b>N/A</b> Specify for Barrel  Barrel is white	<b>7</b> <b>WIRE TYPE</b>  <b>CL2</b> Class 2 <b>CL2P</b> Class 2 Plenum Rated <b>N/A</b> Specify for Barrel  CL2P only available with bare wire leads (BW)	<b>8</b> <b>ILLUMINATED LENGTH</b>  <b>DRY:</b> 2"-192" in 2" increment <b>DMP:</b> 2"-180" in 2" increment <b>WET:</b> 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.
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## 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**

Bare Wire 24\"  
Stranded 22 AWG

**BRL**

Barrel 6\" - DRY/DMP |  
22 AWG

**BRL**

Barrel 6\"- WET | 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)	0.47"	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	





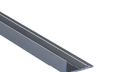
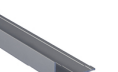
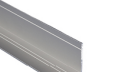

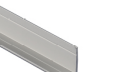
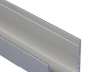






# SW-HE24/6.0

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


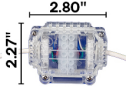







<b>QUOVA-MICRO</b>  QUOVA Knife Edge	<b>SHIELD A - Large</b>  For standalone use	<b>SHIELD B - Large</b>  For use within extrusions	<b>BL-GRAZER</b>  Backwards L Mounting Bracket	<b>BL-MICRO</b>  Backwards L Mounting Bracket	<b>BL-LARGE</b>  Backwards L Mounting Bracket	<b>SD-L-LARGE</b>  L Mounting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



# 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>
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## COMPATIBLE CONTROL ACCESSORIES

### SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

## COMPATIBLE APPS

