



# SW24/3.0

## LED Strips - Static White



CE Declare UK CA



- One bin, one step static white LED strip with 300 lm/ft @ 3000K provides an even, consistent color
- 6 diodes per 1" cut point
- CCTs 2200K and greater meet or exceed Title 24 and JA8
- Ambient operating temp: -4-140°F
- Installation temp: 50-100°F | Storage temp: -4-140°F
- Calculated L70 = 70000 hrs

1 V/WATTS	2 RATED	3 CCT - LUMENS/CRI	4 CONNECTOR/WIRE IN	5 CONNECTOR/WIRE OUT	6 WIRE COLOR	7 WIRE TYPE	8 ILLUMINATED LENGTH
SW24/3.0							

Sample Part Number: **SW24/3.0-DMP-24-BW-CLS-WH-CL2-48"**

<b>1</b> V/WATTS  SW24/3.0  Voltage: 24VDC Wattage: 3.0W/ft See following pages for compatible power supplies.	<b>2</b> RATED  DRY IP20	<b>3</b> CCT - LUMENS/CRI  18 1800K *** 20 2000K 255/93 22 2200K 254/96 24 2400K 245/94 27 2700K 287/97 30 3000K 300/98 35 3500K 317/98 40 4000K 300/96	<b>4</b> 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)	<b>5</b> 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)			
	<b>2</b> RATED  DMP IP54	<b>3</b> CCT - LUMENS/CRI  22 2200K *** 24 2400K 229/94 27 2700K 244/99 30 3000K 252/98 35 3500K 249/95 40 4000K 270/96	<b>4</b> CONNECTOR/WIRE IN  BW Bare Wire (Standard 24") BRL Barrel 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)	<b>5</b> 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)			
	<b>2</b> RATED  WET IP67	<b>3</b> CCT - LUMENS/CRI  18 1800K *** 20 2000K 235/93 22 2200K 220/96 24 2400K 227/95 27 2700K 230/95 30 3000K 242/95 35 3500K 262/96 40 4000K 275/96	<b>4</b> CONNECTOR/WIRE IN  BW Bare Wire (Standard 24") BRL Barrel 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)	<b>5</b> 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)			
<b>6</b> DRY  WIRE COLOR  WH White BK Black N/A Specify for Barrel  Barrel is white	<b>7</b> DMP  WIRE TYPE  CL2 Class 2 CL2P Class 2 Plenum Rated N/A Specify for Barrel  CL2P only available with bare wire leads (BW)	<b>8</b> WET  WIRE COLOR  WH White BK Black N/A Specify for Barrel  Barrel is black	<b>6</b> DRY  WIRE COLOR  WH White BK Black N/A Specify for Barrel  Barrel is white	<b>7</b> DMP  WIRE TYPE  CL2 Class 2 CL2P Class 2 Plenum Rated N/A Specify for Barrel  CL2P only available with bare wire leads (BW)	<b>6</b> DRY  WIRE COLOR  WH White BK Black N/A Specify for Barrel  Barrel is black	<b>7</b> DMP  WIRE TYPE  CL2 Class 2 CL2P Class 2 Plenum Rated N/A Specify for Barrel  CL2P only available with bare wire leads (BW)	<b>8</b> WET  ILLUMINATED LENGTH  1"-384" 1" increments  Available in reel lengths of 32' (Class 2) and 100'. Each reel will have a 2' soldered lead wire attached. Contact factory for larger reels.
							<b>1"-180"</b> 1" increments
							<b>1"-360"</b> 1" increments

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 | Title 24 - JA8-2016 Strips: DRY, DMP, and WET rated, 2200K and above



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## 3 CCT - LUMENS/CRI - DELIVERED LUMENS

[Calculated L70 = 70000 hrs]  
Tested with SW24/3.0-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
1800K	***	** Lm/W	**	**	**	***
2000K	255	82 Lm/W	93	60	89	103
2200K	254	81 Lm/W	96	91	93	100
2400K	245	78 Lm/W	94	98	93	103
2700K	287	92 Lm/W	97	95	94	101
3000K	300	96 Lm/W	98	96	93	101
3500K	317	102 Lm/W	98	97	92	100
4000K	300	96 Lm/W	96	89	90	100

## TEMPERATURE RATINGS

		Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	140°F
	Storage Temp	-4°F	140°F
	Installation Temp	50°F	100°F

## 4 / 5 CONNECTOR/WIRE - IN/OUT

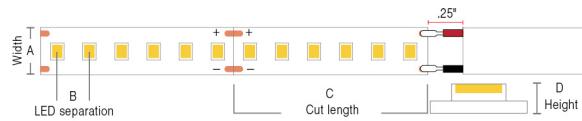
Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



## 6 WIRE COLOR



## 8 ILLUMINATED LENGTH - DIMENSIONS



Section (in)	A	B	C	D
DRY (IP20)	0.32"	0.16"	1.00"	0.06"
DMP (IP54)	0.32"	0.16"	1.00"	0.12"
WET (IP67)	0.39"	0.16"	1.00"	0.21"

## COMPATIBLE EXTRUSIONS

	WIDE	ROND	TORQ	TRE3	LALO	TALO	ARKA	TELA	VEVE	FLUR	EMBD	LATO	MIDIN	OPTI-FLAT	OPTI-OPTICS	THIN
DRY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
DMP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
WET	✓			✓ EXCLUDES 40° LENS	✓	✓	✓	✓	✓ EXCLUDES 45° LENS	✓	✓ EXCLUDES 30°, 45°, 60° LENS	✓	✓	✓	✓ NO LENS	

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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	OUTDOOR
	SW24/1.5-4.0	SW24/1.5-4.0
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	Q-HEX-mini-DC Q-SET-mLED

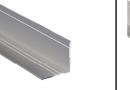


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DIMMING PROTOCOL	INDOOR	OUTDOOR
	SW24/1.5-4.0	SW24/1.5-4.0
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-HEX-mini-DC Q-SET-QZ-PH/0-10V Q-SET-mLED 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

 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
 PLASTIC STRAP, FITS ALL LED STRIPS	 METAL CLIP, FITS DMP STRIP	 METAL CLIP, FITS WET STRIP	 PLASTIC CLIP, FITS WET STRIP						



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## COMPATIBLE WIRING ACCESSORIES

<b>SNP-LEAD</b>	<b>SNP-INLINE</b>	<b>CLP-LEAD</b>	<b>CLP-INLINE</b>	<b>Q-NECT-01-LEAD-24</b>	<b>Q-NECT-01-JUMP-3</b>	<b>Q-NECT-01-INLINE</b>	<b>Q-NECT-SCREW-LEAD-12</b>	<b>Q-NECT-SCREW-JUMP-12</b>	<b>BARREL-EXT</b>
Connects lead wire to LED strip DRY ONLY	Connects LED strip to LED strip DRY ONLY	Connects lead wire to LED strip DRY ONLY	Connects LED strip to LED strip DRY ONLY	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	Connects LED board to 12" lead wire DRY ONLY	Connects two LED boards together with 12" jumper, DRY ONLY	8ft barrel cable extender DRY ONLY
<b>BARREL FOUR-FER</b>	<b>CON120-EXT</b>	<b>CON FOUR-FER</b>	<b>CON M - BARREL F</b>	<b>Q-mini-J</b>	<b>Q-mini-J5</b>	<b>INSTALLATION KITS</b>			
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	Male con to barrel cable adaptor 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 or WET LED strip wiring kits			

## COMPATIBLE CONTROL ACCESSORIES

### SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

## COMPATIBLE APPS

### NFC APP



Read and write DMX addresses and adjust voltage