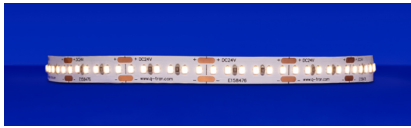




SW24/1.5

LED Strips - Static White



- One bin, one step static white LED strip with 172 lm/ft @ 3000K provides even, consistent color
- 6 diodes per 1" cut point
- CCTs 2200K and greater meet or exceed Title 24 and JA8
- Ambient operating temp: -4-150°F
- Installation temp: 50-100°F | Storage temp: -4-140°F
- Calculated L70 = 70000 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
SW24/1.5							

Sample Part Number: **SW24/1.5-DRY-30-BW-BW-WH-CL2-48"**

<div>1</div> <div>V/WATTS</div> <div>SW24/1.5</div> <div>Voltage: 24VDC Wattage: 1.5W/ft See following pages for compatible power supplies.</div>	<div>2</div> <div>RATED</div> <div>DMP IP20 DMP IP54 WET IP67</div>	<div>3</div> <div>CCT</div> <div>18 1800K 20 2000K 22 2200K 24 2400K 27 2700K 30 3000K 35 3500K 40 4000K</div>	<div>4</div> <div>CONNECTOR/WIRE IN</div> <div>BW Bare Wire (Standard 24") BRL Barrel CLS Closed End (No feed) CON6 Connector 6" CON24 Connector 24"</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>5</div> <div>CONNECTOR/WIRE OUT</div> <div>BW Bare Wire (Standard 24") BRL Barrel CLS Closed End (No feed) CON6 Connector 6" CON24 Connector 24"</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>
<div>6</div> <div>WIRE COLOR</div> <div>WH White BK Black N/A Specify for Barrel</div> <div>Barrel is white</div>	<div>7</div> <div>WIRE TYPE</div> <div>CL2 Class 2 CL2P Class 2 Plenum Rated 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"-768" in 1" increment DMP: 1"-180" in 1" increment WET: 1"-360" in 1" increment</div> <div>Dry version also available in reel lengths of 64' (Class 2) and 100'. Each reel will have a 2' soldered lead wire attached. Contact factory for larger reels.</div> <div>Available in reel lengths of 64' (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	TRES	LALO	TALO	ARKA	TELA	VEVE	FLUR	EMBD	LATO	MDIN	OPTI-FLAT	OPTI-OPTICS	THIN
DRY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DMP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
WET	✓		✓ EXCLUDES 40° LENS	✓	✓	✓	✓	✓	✓ EXCLUDES 45° LENS	✓	✓ EXCLUDES 30°, 45°, 60° LENS	✓	✓	✓		✓ NO LENS

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



SW24/1.5

LED Strips - Static White

3 CCT – LUMENS/CRI - DELIVERED LUMENS

DRY

[Calculated L70 = 70000 hrs]
Tested with SW24/1.5-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
2000K	144	85 Lm/W	94	64	89	104
2200K	149	89 Lm/W	96	93	95	103
2400K	154	92 Lm/W	97	94	95	102
2700K	163	97 Lm/W	97	98	95	102
3000K	172	102 Lm/W	98	98	94	101
3500K	179	107 Lm/W	98	98	92	101
4000K	178	103 Lm/W	97	92	92	100

DMP

[Calculated L70 = 70000 hrs]
Tested with SW24/1.5-DMP

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

WET

[Calculated L70 = 70000 hrs]
Tested with SW24/1.5-WET

CCT	Lumen/ft	CRI Ra
2000K	123	94
2200K	128	96
2400K	131	95
2700K	131	94
3000K	141	94
3500K	155	94
4000K	161	95

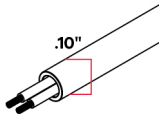
TEMPERATURE RATINGS

		Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	150°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

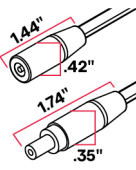
BW



.10"

Bare Wire 24"
Stranded 22 AWG

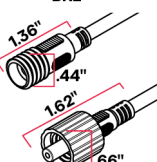
BRL



1.44"
.42"
1.74"
.35"

Barrel 6" - DRY/DMP |
22 AWG

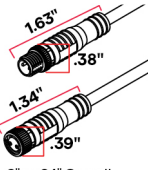
BRL



1.36"
.44"
1.62"
.66"

Barrel 6" - WET | 22 AWG

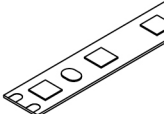
CON6/CON24



1.63"
.38"
1.34"
.39"

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

CLS

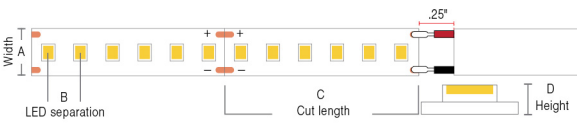


Not soldered

6 WIRE COLOR



8 ILLUMINATED LENGTH - DIMENSIONS



Width
A
B
LED separation
C
Cut length
D
Height
.25"

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"



SW24/1.5

LED Strips - Static White

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



SW24/1.5

LED Strips - Static White

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

<div>QUOVA-MICRO</div> <div></div> <div>QUOVA Knife Edge</div>	<div>SHIELD A - Small</div> <div></div> <div>For standalone use</div>	<div>SHIELD B - Small</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>						



SW24/1.5

LED Strips - Static White

COMPATIBLE WIRING ACCESSORIES

SNP-LEAD Connects lead wire to LED strip DRY ONLY	SNP-INLINE Connects LED strip to LED strip DRY ONLY	CLP-LEAD Connects lead wire to LED strip DRY ONLY	CLP-INLINE Connects LED strip to LED strip DRY ONLY	Q-NECT-01-LEAD-24 Connects LED board to 24" lead wire DRY ONLY	Q-NECT-01-JUMP-3 Connects two LED boards together with 3" jumper; DRY ONLY	Q-NECT-01-INLINE Connects two LED boards together DRY ONLY	Q-NECT-SCREW-LEAD-12 Connects LED board to 12" lead wire DRY ONLY	Q-NECT-SCREW-JUMP-12 Connects two LED boards together with 12" jumper; DRY ONLY	BARREL-EXT 8ft barrel cable extender DRY ONLY
BARREL FOUR-FER Splits lead from one to four LED Barrel connector fixtures; DRY/DMP	CON120-EXT 10ft Con cable extender DRY/DMP/WET	CON FOUR-FER Splits lead from one to four LED Con connectors DRY/DMP/WET	CON M - BARREL F Male con to barrel cable adaptor DRY/DMP	Q-mini-J UL Listed, miniature junction box; DRY/DMP (WET rated with silicone)	Q-mini-J5 UL Listed, miniature junction box; DRY/DMP (WET rated with silicone)	INSTALLATION KITS LEAD or JUMP DRY and WET LED strip wiring kits			

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE

1.36"
2.58"

Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP

Read and write DMX addresses and adjust voltage