



SD-SW24/2.0

LED Strips - Static White Standard Series



- Part of our Standard collection
- Offered in dry or wet
- Available in full reels or custom cut lengths
- For factory built fixture, contact factory

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
SD-SW24/2.0							

Sample Part Number: SD-SW24/2.0-DRY-30-CON6-CON6-WH-CL2-48"

1	2	3	4	5
V/WATTS	RATED	CCT - LUMENS/CRI	CONNECTOR/WIRE IN	CONNECTOR/WIRE OUT
SD-SW24/2.0 Voltage: 24VDC Wattage: 2.0W/ft See following pages for compatible power supplies.	DRY IP20	22 2200K 152/98 24 2400K 186/98 27 2700K 192/99 30 3000K 195/98 35 3500K 199/96 40 4000K 225/98	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)	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)
	WET IP67	22 2200K 135/98 24 2400K 162/98 27 2700K 174/97 30 3000K 187/98 35 3500K 188/99 40 4000K 201/97	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)	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	7	8
WIRE COLOR	WIRE TYPE	ILLUMINATED LENGTH
WH White BK Black N/A Specify for Barrel Barrel is white	CL2 Class 2 CL2P Class 2 Plenum Rated N/A Specify for Barrel CL2P only available with bare wire leads (BW)	2"-576" 2" increments Sold in reels of 25', 100', or 500'. For Class 2 low voltage, maximum 48' run length per 96W output. Reels do not include leads.
WH White BK Black N/A Specify for Barrel Barrel is black	CL2 Class 2 CL2P Class 2 Plenum Rated N/A Specify for Barrel CL2P only available with bare wire leads (BW)	2"-360" 2" increments Sold in reels of 25'. For Class 2 low voltage, maximum 48' run length per 96W output. Reels do not include leads.

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 and WET rated, 2700K and above



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3 CCT – LUMENS/CRI - DELIVERED LUMENS

[Calculated L70 = 58000 hrs]
Tested with SD-SW24/2.0-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
2200K	152	75 Lm/W	98	88	96	99
2400K	186	97 Lm/W	98	93	95	103
2700K	192	100 Lm/W	99	99	95	102
3000K	195	102 Lm/W	98	98	95	101
3500K	199	104 Lm/W	96	82	91	100
4000K	225	117 Lm/W	98	98	93	101

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 I
22 AWG

BRL

1.36"
.44"
1.62"
.66"

Barrel 6" - WET I 22 AWG

CON6/CON24

1.63"
.38"
1.34"
.39"

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

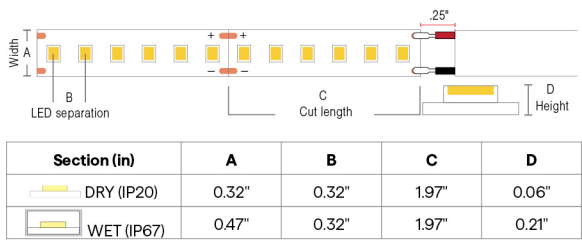
CLS

Not soldered

6 WIRE COLOR



8 ILLUMINATED LENGTH - DIMENSIONS



COMPATIBLE EXTRUSIONS

	WIDE	ROUND	TORQ	TRE3	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



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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
	SD-SW24/1.0-4.0	SD-SW24/1.0-4.0
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




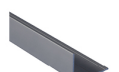
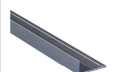
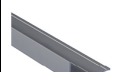
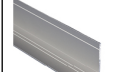

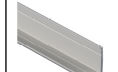
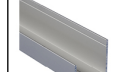





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DIMMING PROTOCOL	INDOOR	OUTDOOR
	SD-SW24/1.0-4.0	SD-SW24/1.0-4.0
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V 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





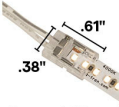





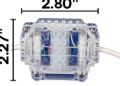






<div>QUOVA-MICRO</div>  <div>QUOVA Knife Edge</div>	<div>SHIELD A - Small</div>  <div>For standalone use</div>	<div>SHIELD B - Small</div>  <div>For use within extrusions</div>	<div>BL-GRAZER</div>  <div>Backwards L Mounting Bracket</div>	<div>BL-MICRO</div>  <div>Backwards L Mounting Bracket</div>	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



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COMPATIBLE WIRING ACCESSORIES

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

COMPATIBLE APPS

NFC APP



Read and write DMX addresses and adjust voltage