SD-SW24/1.0

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 V/WATTS	2 RATED	3 CCT	4 CONNECTOR/WIRE IN	5 CONNECTOR/WIRE OUT	6 WIRE COLOR	7 WIRE TYPE	8 ILLUMINATED LENGTH
SD-SW24/1.0							

Sample Part Number: **SD-SW24/1.0-DRY-30-CON6-CON6-WH-CL2-48"**

1 V/WATTS

SD-SW24/1.0

Voltage: 24VDC
Wattage: 1.0W/ft
See following pages for compatible power supplies.

2 RATED

DRY	IP20
WET	IP67

3 CCT

22	2200K
24	2400K
27	2700K
30	3000K
35	3500K
40	4000K

4 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)

5 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)

6 WIRE COLOR

WH	White
BK	Black
N/A	Specify for Barrel

Barrel is white

7 WIRE TYPE

CL2	Class 2
CL2P	Class 2 Plenum Rated
N/A	Specify for Barrel

CL2P only available with bare wire leads (BW)

8 ILLUMINATED LENGTH

DRY: 2"-768" in 2" increments
WET: 2"-360" in 2" increments

Dry version also available in reel lengths of 96' (Class 2). Each reel will have a 2' soldered lead wire attached. Contact factory for larger reels.

Sold in reels of 25', 100', or 500'. For Class 2 low voltage, maximum 96' run length per 96W output.
Reels do not include leads.

COMPATIBLE EXTRUSIONS

	WIDE	TORQ	TRE3	LALO	TALO	ARKA	TELA	VEVE	FLUR	EMBD	LATO	MDIN	OPTI-FLAT	OPTI-OPTICS	THIN	POSH
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

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SD-SW24/1.0

LED Strips - Static White Standard Series

3 CCT – LUMENS/CRI - DELIVERED LUMENS

DRY

[Calculated L70 = 58000 hrs]
Tested with SD-SW24/1.0-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
2200K	83	79 Lm/W	97	89	95	99
2400K	98	93 Lm/W	98	97	95	104
2700K	107	102 Lm/W	97	98	96	103
3000K	109	103 Lm/W	97	94	95	100
3500K	120	113 Lm/W	99	93	96	100
4000K	113	107 Lm/W	96	82	93	102

WET

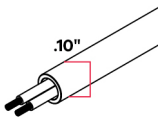
[Calculated L70 = 58000 hrs]
Tested with SD-SW24/1.0-WET

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

4/5 CONNECTOR/WIRE – IN/OUT

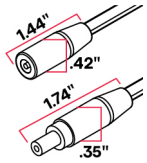
Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out

BW



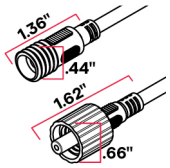
Bare Wire 24"
Stranded 22 AWG

BRL



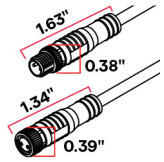
Barrel 6" - DRY/DMP | 22 AWG

BRL



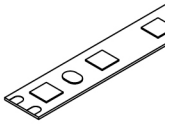
Barrel 6"- WET | 22 AWG

CON6/CON24



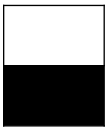
6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

CLS



Not soldered

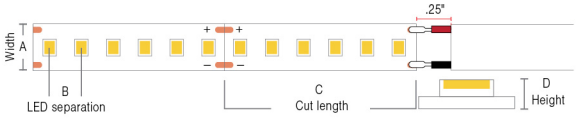
6 WIRE COLOR



White

Black

8 ILLUMINATED LENGTH - DIMENSIONS



Section (in)	A	B	C	D
DRY (IP20)	0.32"	0.32"	1.97"	0.06"
WET (IP67)	0.47"	0.32"	1.97"	0.21"

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SD-SW24/1.0

LED Strips - Static White Standard Series

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-PRO 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 QZ-PRO
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

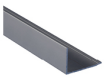
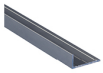
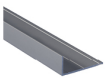
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SD-SW24/1.0

LED Strips - Static White Standard Series

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-PRO 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 QZ-PRO
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-PRO 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 QZ-PRO
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-MICRO	BL-GRAZER	BL-MICRO	BL-LARGE	SD-L-LARGE	SD-L-MEDIUM	SD-L-MICRO	SD-J-LARGE	iQ-STRAP	iQ-CLIP-PL
									
QUOVA Knife Edge	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	Plastic clip, Fits WET strip

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SD-SW24/1.0

LED Strips - Static White Standard Series

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



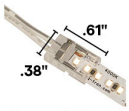
Connects lead wire to LED strip
DRY ONLY

CLP-INLINE



Connects LED strip to LED strip
DRY ONLY

Q-NECT-01-LEAD-24



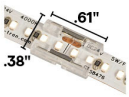
Connects LED board to 24" lead wire
DRY ONLY

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



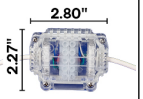
Connects two LED boards together with 12" jumper, DRY ONLY

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

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

COMPATIBLE APPS

NFC APP



Read and write DMX addresses and adjust voltage

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Specification subject to change. Rev-03-24-26