SD-SW24/4.0

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 - LUMENS/CRI	4 CONNECTOR/WIRE IN	5 CONNECTOR/WIRE OUT	6 WIRE COLOR	7 WIRE TYPE	8 ILLUMINATED LENGTH
SD-SW24/4.0							

Sample Part Number: **SD-SW24/4.0-DRY-30-CON6-CON6-WH-CL2-48"**

1 V/WATTS

SD-SW24/4.0

Voltage: 24VDC
Wattage: 4.0W/ft
See following pages for compatible power supplies.

2 RATED

DRY IP20

WET IP67

3 CCT - LUMENS/CRI

	DRY	WET
22	2200K 294/97	2200K 265/97
24	2400K 358/98	2400K 311/98
27	2700K 361/98	2700K 342/98
30	3000K 379/98	3000K 359/98
35	3500K 387/96	3500K 362/96
40	4000K 438/98	4000K 369/97

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

DRY

WH	White
BK	Black
N/A	Specify for Barrel

Barrel is white

WET

WH	White
BK	Black
N/A	Specify for Barrel

Barrel is black

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"-288" 2" increments

Sold in reels of 25', 100', or 500'. For Class 2 low voltage, maximum 24' run length per 96W output.
Reels do not include leads.

WET

2"-288" 2" increments

Sold in reels of 25'. For Class 2 low voltage, maximum 24' 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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Specification subject to change. Rev-03-25-26

SD-SW24/4.0

LED Strips - Static White Standard Series

3 CCT – LUMENS/CRI - DELIVERED LUMENS

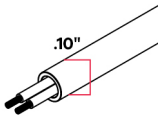
[Calculated L70 = 58000 hrs]
Tested with SD-SW24/4.0-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
2200K	294	72 Lm/W	97	85	96	100
2400K	358	88 Lm/W	98	90	95	103
2700K	361	88 Lm/W	98	99	96	103
3000K	379	93 Lm/W	98	95	96	101
3500K	387	95 Lm/W	96	84	91	100
4000K	438	107 Lm/W	98	98	93	101

4/5 CONNECTOR/WIRE – IN/OUT

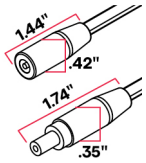
Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out

BW



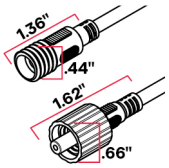
Bare Wire 24"
Stranded 22 AWG

BRL



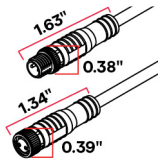
Barrel 6" - DRY/DMP | 22 AWG

BRL



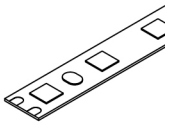
Barrel 6"- WET | 22 AWG

CON6/CON24



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

CLS



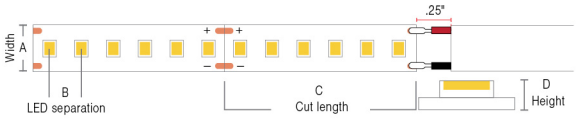
Not soldered

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"

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	

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SD-SW24/4.0

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-SW24/4.0

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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-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	

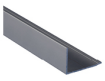
COMPATIBLE MOUNTING ACCESSORIES

QUOVA-MICRO



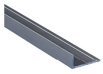
QUOVA Knife Edge

BL-GRAZER



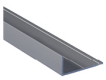
Backwards L Mounting Bracket

BL-MICRO



Backwards L Mounting Bracket

BL-LARGE



Backwards L Mounting Bracket

SD-L-LARGE



L Mounting Bracket

SD-L-MEDIUM



L Mounting Bracket

SD-L-MICRO



L Mounting Bracket

SD-J-LARGE



J Mounting Bracket

iQ-STRAP

Plastic strap, Fits all LED strips

iQ-CLIP-PL

Plastic clip, Fits WET strip

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)

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