SHLD-SW24/5.0

LED Strips - Static White



- One bin, one step static white LED strip with 454 lm/ft @ 3000K
- 6 diodes per 1" cut point
- CCTs 2200K and greater meet or exceed Title 24 and JA8
- Ambient operating temp: -4-120°F
- Installation temp: 50-100°F | Storage temp: -4-140°F
- Calculated L70 = 70000 hrs

1 V/WATTS	2 RATED	3 CCT	4 CONNECTOR/WIRE IN	5 CONNECTOR/WIRE OUT	6 WIRE COLOR	7 WIRE TYPE	8 ILLUMINATED LENGTH
SHLD-SW24/5.0							

Sample Part Number: **SW24/5.0-DMP-24-CON6-CLS-WH-CL2-48"**

1 V/WATTS

SHLD-SW24/5.0

Voltage: 24VDC
Wattage: 5.0W/ft
See following pages for compatible power supplies.

2 RATED

DRY	IP20
DMP	IP54
WET	IP67

3 CCT

18	1800K
20	2000K
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: 1"-288" in 1" increments
DMP: 1"-180" in 1" increments
WET: 1"-288" in 1" increments

Dry version also available in reel lengths of 19.2' (Class 2) and 100'. Each reel will have a 2' soldered lead wire attached. Contact factory for larger reels.

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 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

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SHLD-SW24/5.0

LED Strips - Static White

3 CCT – LUMENS/CRI - DELIVERED LUMENS

DRY

[Calculated L70 = 70000 hrs]
Tested with SW24/5.0-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
1800K	**	**	**	**	**	**
2000K	377	79 Lm/W	93	59	89	103
2200K	380	79 Lm/W	96	89	94	100
2400K	405	84 Lm/W	97	92	94	102
2700K	423	88 Lm/W	97	94	94	102
3000K	454	95 Lm/W	98	95	94	101
3500K	468	97 Lm/W	98	94	92	100
4000K	442	92 Lm/W	97	93	90	100

DMP

[Calculated L70 = 70000 hrs]
Tested with SW24/5.0-DMP

CCT	Lumen/ft	CRI Ra
1800K	**	**
2000K	**	**
2200K	**	**
2400K	**	**
2700K	**	**
3000K	**	**
3500K	**	**
4000K	**	**

WET

[Calculated L70 = 70000 hrs]
Tested with SW24/5.0-WET

CCT	Lumen/ft	CRI Ra
1800K	**	**
2000K	311	93
2200K	333	96
2400K	343	96
2700K	346	96
3000K	367	97
3500K	401	97
4000K	408	97

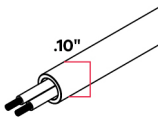
TEMPERATURE RATINGS

		Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	120°F
	Storage Temp	-4°F	140°F
	Installation Temp	50°F	100°F

4/5 CONNECTOR/WIRE – IN/OUT

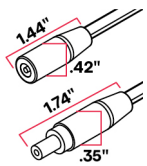
Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out

BW



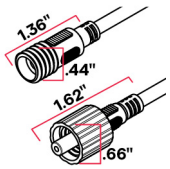
Bare Wire 24"
Stranded 22 AWG

BRL



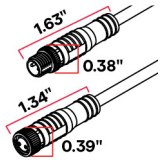
Barrel 6" - DRY/DMP | 22 AWG

BRL



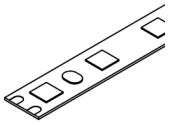
Barrel 6"- WET | 22 AWG

CON6/CON24



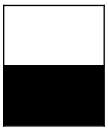
6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

CLS



Not soldered

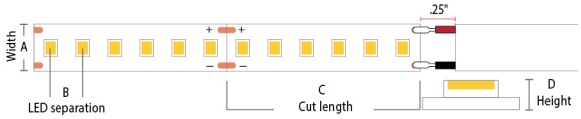
6 WIRE COLOR



White

Black

8 ILLUMINATED LENGTH - DIMENSIONS



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

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Specification subject to change. Rev-10-21-26

SHLD-SW24/5.0

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
	SW24/5.0, SW-HE, SW-HE+	SW24/5.0, SW-HE, SW-HE+
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-PRO-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+DALI-DT6-PS QZ-DMX QZ-PRO-PH/0-10V
1%	Q-DIM QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	

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SHLD-SW24/5.0

LED Strips - Static White

DIMMING PROTOCOL	INDOOR	OUTDOOR
	SW24/5.0, SW-HE, SW-HE+	SW24/5.0, SW-HE, SW-HE+
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-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-SET-QZ-PH/0-10V QOM-DC+CAP QOM-PH QZ-PRO-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-PRO-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-PRO-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	

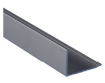
COMPATIBLE MOUNTING ACCESSORIES

QUOVA-MICRO



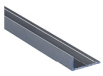
QUOVA Knife Edge

BL-GRAZER



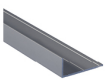
Backwards L Mounting Bracket

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-SS10



Metal clip, WET STRIP ONLY

iQ-CLIP-PL

Plastic clip, Fits WET strip

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SHLD-SW24/5.0

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



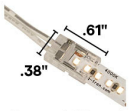
Connects lead wire to LED strip
DRY ONLY

CLP-INLINE



Connects LED strip to LED strip
DRY ONLY

Q-NECT-01-LEAD-24



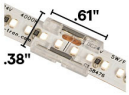
Connects LED board to 24" lead wire
DRY ONLY

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



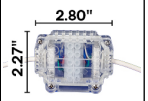
Male con to barrel cable adaptor
DRY/DMP

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



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP

Q-NFC

Read and write DMX addresses and adjust voltage

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