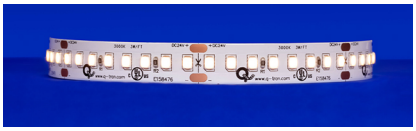
SHLD-SW-HE-HE24/1.5

LED Strips - Static White High Efficacy



- High-efficacy, one bin, one step static white LED tape provides consistent color project to project with exceptional photometric qualities
- 8 diodes per 2" cut point
- Dry and wet-rated
- Field-cuttable up to 768"
- Ambient operating temp: -4-160°F
- Installation temp: 50-100°F | Storage temp: -4-140°F
- Calculated L70 = 66000 hrs

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
SW-HE24/1.5							

Sample Part Number: **SW-HE24/1.5-DRY-22-BW-CON24-WH-CL2-48"**

1 V/WATTS

SW-HE24/1.5

Voltage: 24VDC
Wattage: 1.5W/ft
See following pages for compatible power supplies.

2 RATED

DRY IP20

DMP IP54

WET IP67

3 CCT - LUMENS/CRI

	DRY	DMP	WET
18	1800K **/**		1800K **/**
20	2000K 187/94		2000K 170/93
22	2200K 188/96	2200K **/**	2200K 172/96
24	2400K 196/96	2400K 191/93	2400K 182/96
27	2700K 210/97	2700K 167/95	2700K 188/97
30	3000K 222/98	3000K 184/97	3000K 199/98
35	3500K 232/97	3500K 199/97	3500K 212/98
40	4000K 231/97	4000K 215/97	4000K 208/97

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	DMP	WET
WH	White	White	White
BK	Black	Black	Black
N/A	Specify for Barrel	Specify for Barrel	Specify for Barrel
	Barrel is white	Barrel is black	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	DMP	WET
2"-768"	2" increments		
2"-180"		2" increments	
2"-360"			2" increments

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.

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 - JA8-2019 Strips: DRY and WET rated, 2000K and above

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Specification subject to change. Rev-02-05-26

PRELIMINARY
SUBJECT TO CHANGE

SHLD-SW-HE-HE24/1.5

LED Strips - Static White High Efficacy

3 CCT – LUMENS/CRI - DELIVERED LUMENS

[Calculated L70 = 66000 hrs]
Tested with SW-HE24/1.5-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
1800K	***	** Lm/W	**	**	**	***
2000K	187	130 Lm/W	94	63	91	102
2200K	188	131 Lm/W	96	92	95	100
2400K	196	136 Lm/W	96	96	93	99
2700K	210	146 Lm/W	97	97	94	100
3000K	222	154 Lm/W	98	97	93	100
3500K	232	161 Lm/W	97	96	91	98
4000K	231	160 Lm/W	97	99	91	99

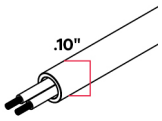
TEMPERATURE RATINGS

		Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	160°F
	Storage Temp	-4°F	140°F
	Installation Temp	50°F	100°F

4/5 CONNECTOR/WIRE – IN/OUT

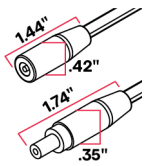
Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out

BW



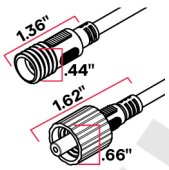
Bare Wire 24"
Stranded 22 AWG

BRL



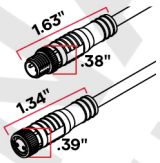
Barrel 6" - DRY/DMP | 22 AWG

BRL



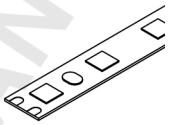
Barrel 6"- WET | 22 AWG

CON6/CON24



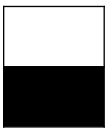
6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

CLS



Not soldered

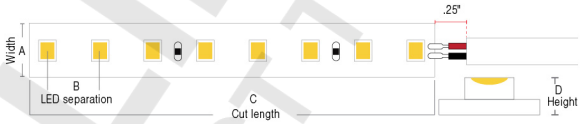
6 WIRE COLOR



White

Black

8 ILLUMINATED LENGTH - DIMENSIONS



Section (in)	A	B	C	D
DRY (IP20)	0.47"	0.24"	2.00"	0.07"
DMP (IP54)	0.47"	0.24"	2.00"	0.15"
WET (IP67)	0.55"	0.24"	2.00"	0.16"

COMPATIBLE EXTRUSIONS

	WIDE	ROND	TORQ	TRE3	LALO	TALO	ARKA	TELA	VEVE	FLUR	EMBD	LATO	MDIN	OPTI-FLAT	OPTI-OPTICS	THIN
DRY	✓			✓	✓	✓					✓			✓	✓	✓
DMP																
WET	✓			✓	✓	✓					✓ EXCLUDES 30°, 45°, 60° LENS			✓	✓	✓ NO LENS

PRELIMINARY SUBJECT TO CHANGE

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SHLD-SW-HE-HE24/1.5

LED Strips - Static White High Efficacy

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-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	

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SHLD-SW-HE-HE24/1.5

LED Strips - Static White High Efficacy

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-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-SET-QZ-PH/0-10V 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

QUOVA-MICRO



QUOVA Knife Edge

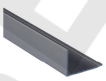
SHIELD A - Large

For standalone use

SHIELD B - Large

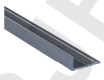
For use within extrusions

BL-GRAZER



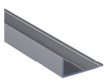
Backwards L Mounting Bracket

BL-MICRO



Backwards L Mounting Bracket

BL-LARGE



Backwards L Mounting Bracket

SD-L-LARGE



L Mounting Bracket

SD-L-MEDIUM



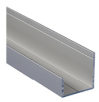
L Mounting Bracket

SD-L-MICRO



L Mounting Bracket

SD-J-LARGE



J Mounting Bracket

iQ-STRAP

Plastic strap, Fits all LED strips

iQ-CLIP-SS12



Metal clip, Fits DMP strip

iQ-CLIP-SS10



Metal clip, Fits WET strip

iQ-CLIP-PL

Plastic clip, Fits WET strip

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SHLD-SW-HE-HE24/1.5

LED Strips - Static White High Efficacy

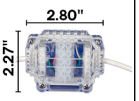
COMPATIBLE WIRING ACCESSORIES

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)

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

Q-NECT-03-LEAD-24



Connects LED board to 24" lead wire DRY ONLY

Q-NECT-03-JUMP-3



Connects two LED boards together with 3" jumper, DRY ONLY

Q-NECT-03-INLINE



Connects two LED boards together DRY ONLY

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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