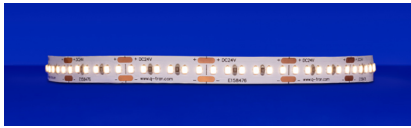# SW24/1.5
LED Strips - Static White

- One bin, one step static white LED strip with 172 lm/ft @ 3000K provides even, consistent color
- 6 diodes per 1" cut point
- CCTs 2200K and greater meet or exceed Title 24 and JA8
- Ambient operating temp: -4-150°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
SW24/1.5							

Sample Part Number: **SW24/1.5-DRY-30-BW-BW-WH-CL2-48"**

① V/WATTS

SW24/1.5

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

② RATED

DRY	IP20
DMP	IP54
WET	IP67

③ CCT

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"-768" in 1" increment
DMP: 1"-180" in 1" increment
WET: 1"-360" in 1" increment

Dry version also 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.

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.

COMPATIBLE EXTRUSIONS

	WIDE	ROND	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

3 CCT – LUMENS/CRI - DELIVERED LUMENS

DRY

[Calculated L70 = 70000 hrs]
Tested with SW24/1.5-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
2000K	144	85 Lm/W	94	64	89	104
2200K	149	89 Lm/W	96	93	95	103
2400K	154	92 Lm/W	97	94	95	102
2700K	163	97 Lm/W	97	98	95	102
3000K	172	102 Lm/W	98	98	94	101
3500K	179	107 Lm/W	98	98	92	101
4000K	178	103 Lm/W	97	92	92	100

DMP

[Calculated L70 = 70000 hrs]
Tested with SW24/1.5-DMP

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

WET
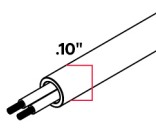
[Calculated L70 = 70000 hrs]
Tested with SW24/1.5-WET

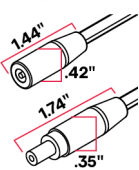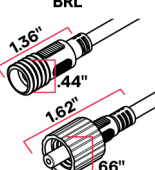| CCT	Lumen/ft	CRI Ra
2000K	123	94
2200K	128	96
2400K	131	95
2700K	131	94
3000K	141	94
3500K	155	94
4000K	161	95

TEMPERATURE RATINGS

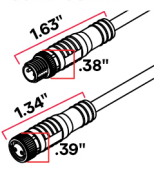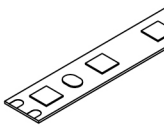|		Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	150°F
	Storage Temp	-4°F	140°F
	Installation Temp	50°F	100°F

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
.10"
Bare Wire 24"
Stranded 22 AWG

BRL
1.44"
.42"
1.74"
.35"
Barrel 6" - DRY/DMP | 22 AWG

BRL
1.36"
.44"
1.62"
.66"
Barrel 6"- WET | 22 AWG

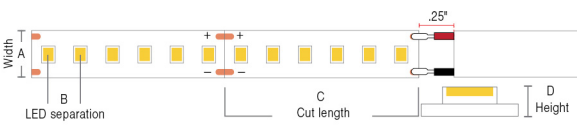**CON6/CON24**
1.63"
.38"
1.34"
.39"
6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

CLS
Not soldered

6 WIRE COLOR

White

Black

8 ILLUMINATED LENGTH - DIMENSIONS

.25"
Width
A
B
LED separation
C
Cut length
D
Height

Section (in)	A	B	C	D
DRY (IP20)	0.32"	0.16"	1.00"	0.06"
DMP (IP54)	0.32"	0.16"	1.00"	0.12"
WET (IP67)	0.39"	0.16"	1.00"	0.21"

SW24/1.5
LED Strips - Static White

COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

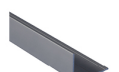| DIM TO LEVEL	INDOOR	OUTDOOR
	SW24/1.5-4.0	SW24/1.5-4.0
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	QOM-DC+CAP QOM-PH
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN 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
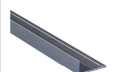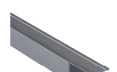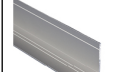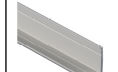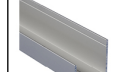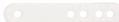
DIMMING PROTOCOL	INDOOR	OUTDOOR
	SW24/1.5-4.0	SW24/1.5-4.0
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-HEX-mini-DC Q-SET-QZ-PH/0-10V Q-SET-mLED 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

QUOVA-MICRO — QUOVA Knife Edge

SHIELD A - Small — For standalone use

SHIELD B - Small — 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

COMPATIBLE WIRING ACCESSORIES

SNP-LEAD	**SNP-INLINE**	**CLP-LEAD**	**CLP-INLINE**	**Q-NECT-01-LEAD-24**	**Q-NECT-01-JUMP-3**	**Q-NECT-01-INLINE**	**Q-NECT-SCREW-LEAD-12**	**Q-NECT-SCREW-JUMP-12**	**BARREL-EXT**
Connects lead wire to LED strip DRY ONLY	Connects LED strip to LED strip DRY ONLY	Connects lead wire to LED strip DRY ONLY	Connects LED strip to LED strip DRY ONLY	Connects LED board to 24" lead wire DRY ONLY	Connects two LED boards together with 3" jumper, DRY ONLY	Connects two LED boards together DRY ONLY	Connects LED board to 12" lead wire DRY ONLY	Connects two LED boards together with 12" jumper, DRY ONLY	8ft barrel cable extender DRY ONLY

BARREL FOUR-FER	**CON120-EXT**	**CON FOUR-FER**	**CON M - BARREL F**	**Q-mini-J**	**Q-mini-J5**	**INSTALLATION KITS**
Splits lead from one to four LED Barrel connector fixtures, DRY/DMP	10ft Con cable extender DRY/DMP/WET	Splits lead from one to four LED Con connectors DRY/DMP/WET	Male con to barrel cable adaptor DRY/DMP	UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	LEAD or JUMP DRY and WET LED strip wiring kits

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE

1.36"
2.58"

Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP

Q-NFC

Read and write DMX addresses and adjust voltage