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 - LUMENS/CRI	④ CONNECTOR/WIRE IN	⑤ CONNECTOR/WIRE OUT	⑥ WIRE COLOR	⑦ WIRE TYPE	⑧ ILLUMINATED LENGTH
SW24/5.0							

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

① V/WATTS

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 - LUMENS/CRI

DRY
20	2000K 377/93
22	2200K 380/96
24	2400K 405/97
27	2700K 423/97
30	3000K 454/98
35	3500K 468/98
40	4000K 442/97

DMP
24	2400K 337/94
27	2700K 333/97
30	3000K 367/98
35	3500K 370/96
40	4000K 398/97

WET
20	2000K 311/93
22	2200K 333/96
24	2400K 343/96
27	2700K 346/96
30	3000K 367/97
35	3500K 401/97
40	4000K 408/97

④ CONNECTOR/WIRE IN

DRY
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)

DMP
BW	Bare Wire (Standard 24")
BRL	Barrel
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)

WET
BW	Bare Wire (Standard 24")
BRL	Barrel
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

DRY
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)

DMP
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)

WET
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

DMP
WH	White
BK	Black
N/A	Specify for Barrel

Barrel is black

WET
WH	White
BK	Black
N/A	Specify for Barrel

Barrel is black

⑦ WIRE TYPE

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

CL2P only available with bare wire leads (BW)

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

CL2P only available with bare wire leads (BW)

WET
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"-228"	1" increments

DMP
1"-180"	1" increments

WET
1"-228"	1" increments

SW24/5.0
LED Strips - Static White

3 CCT – LUMENS/CRI - DELIVERED LUMENS

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

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
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
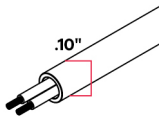
TEMPERATURE RATINGS

		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
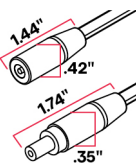
BW
.10"
Bare Wire 24"
Stranded 22 AWG
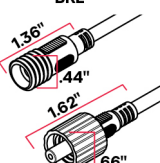
BRL
1.44" .42"
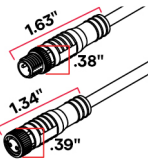1.74" .35"
Barrel 6" - DRY/DMP | 22 AWG
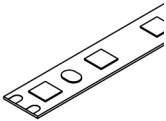
BRL
1.36" .44"
1.62" .66"
Barrel 6"- WET | 22 AWG

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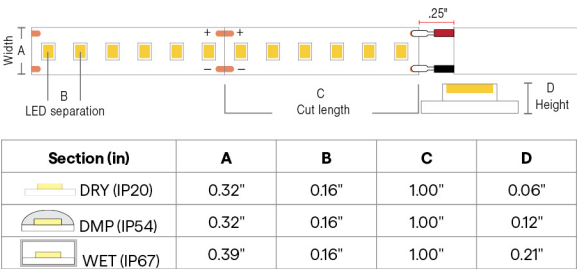Wire Connector | 22 AWG
IP67 Rated, UL Listed

CLS
Not soldered

6 WIRE COLOR

White

Black

8 ILLUMINATED LENGTH - DIMENSIONS

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"

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 ✔

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 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	
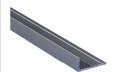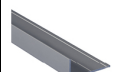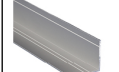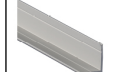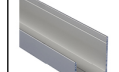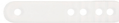
SW24/5.0
LED Strips - Static White

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 iQ-ND-50-65
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 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	SHIELD A - Small	SHIELD B - Small	BL-GRAZER	BL-MICRO	BL-LARGE	SD-L-LARGE	SD-L-MEDIUM	SD-L-MICRO	SD-J-LARGE
QUOVA Knife Edge	For standalone use	For use within extrusions	Backwards L Mounting Bracket	Backwards L Mounting Bracket	Backwards L Mounting Bracket	L Mounting Bracket	L Mounting Bracket	L Mounting Bracket	J Mounting Bracket

iQ-STRAP	iQ-CLIP-SS12	iQ-CLIP-SS10	iQ-CLIP-PL
Plastic strap, Fits all LED strips	Metal clip, Fits DMP strip	Metal clip, Fits WET strip	Plastic clip, Fits WET strip

SW24/5.0
LED Strips - Static White

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