

SW-1S STATIC WHITE LED TAPELIGHT 1-STEP MACADAMS ELLIPSE

The SW-1S is a flexible LED ribbon line that offers low to medium output, high CRI and offers a variety of color temperatures.

- Static-White Family
- 1-Step MacAdams
- Indoor / Outdoor

PROJECT

DATE

COMMENTS



IP20



IP67



PHYSICAL

Mounting	3M Adhesive
Cut Length	Varies, See Back
Maximum Run	16' 4"
Minimum Channel Width	IP20: 0.394" (10mm), IP67: 0.630" (16mm)

PERFORMANCE

Warranty	5 years
Certification	UL, CUL, CE, RoHS Approved
IP Rating	IP20 or IP67
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Dimming	Universal (See Recommended Drivers)
CCT	2700K, 3000K, 3500K, 4000K
CRI	90+
Chromaticity	1-Step MacAdams

ELECTRICAL

Voltage	24V DC Constant Voltage Output
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APPLICATIONS

Cove & Perimeter Lighting
Architectural Back Lighting
Walls & Surfaces
Stairs & Walkways
Decorative Signage
Channel Letters

ENERGY CHART

TYPE	POWER w/ft	LUMENS/FT	EFFICACY lm/w
1S-1	1.5	122	83
1S-3	3.0	244	83
1S-4	4.5	335	76
1S-6	6.0	488	83

ORDERING LOGIC

EX: SW-1S-1-27-IP20-ST

FAMILY	TYPE	POWER	CCT	IP RATING	LENGTH
SW	1S				ST
	1S 1-Step	1 1.5W/Ft	27 2700K	IP20 IP20	ST 16'; Cut in Field STANDARD
		3 3.0W/Ft	30 3000K	IP67 IP67	
		4 4.5W/Ft	35 3500K		
		6 6.0W/Ft	40 4000K		



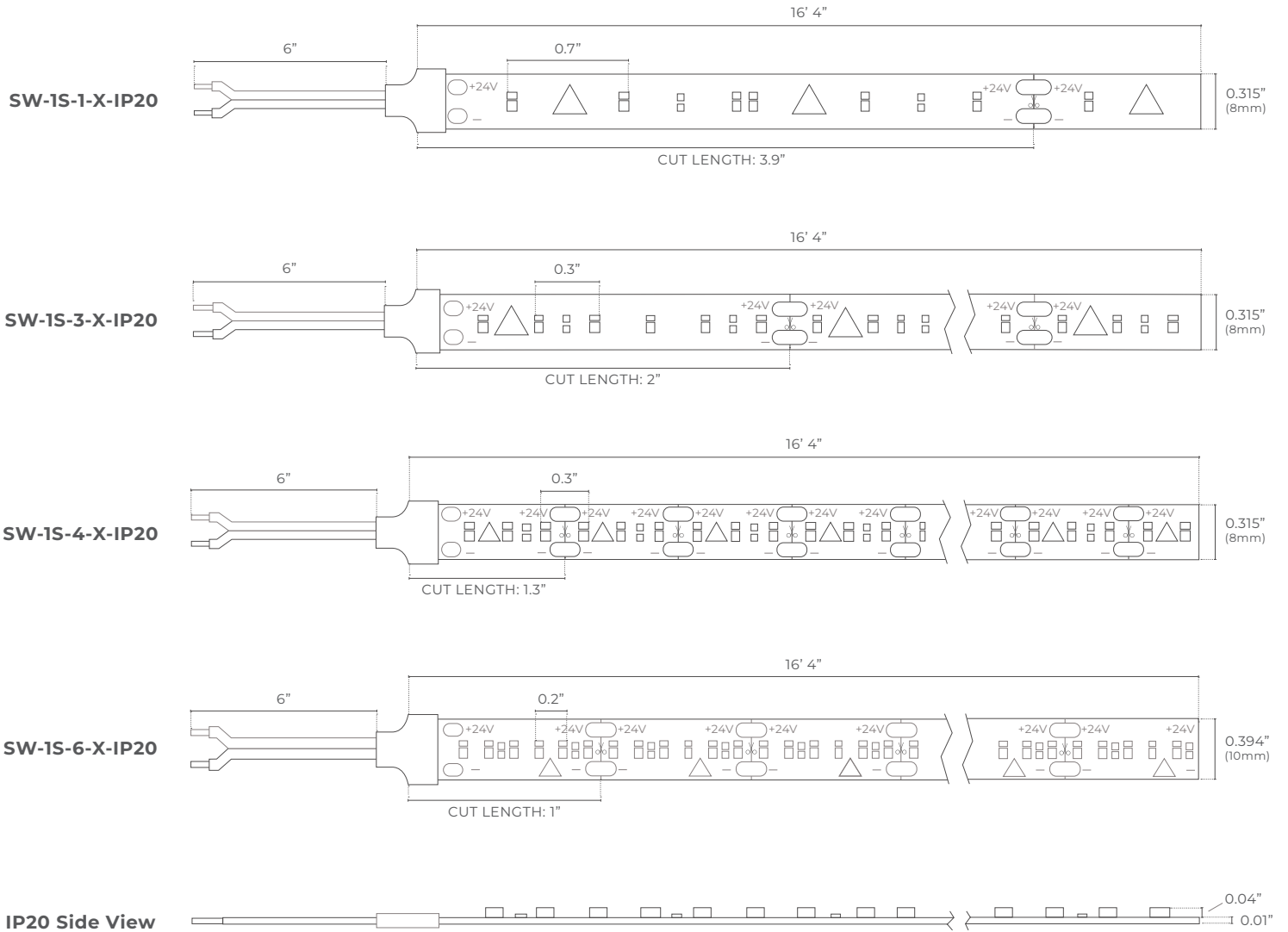
ACCESSORIES ORDERING LOGIC (ORDER SEPARATELY)

EX: CN-BTCB8

FAMILY	ACCESSORIES
CN	
BTCB8	Board to Board Connector with Cable for 8mm Width Single Color LED Tapelight CABLE LENGTH IS 5.3IN
BTC8	Board to Cable Connector for 8mm Width Single Color LED Tapelight CABLE LENGTH IS 5.5IN
BTB8	Board to Board Connector without Cable for 8mm Single Color LED Tapelight
TL8	T or L Type Corner Connector for 8mm Single Color LED Tapelight

DIMENSIONS
IP20 TAPE

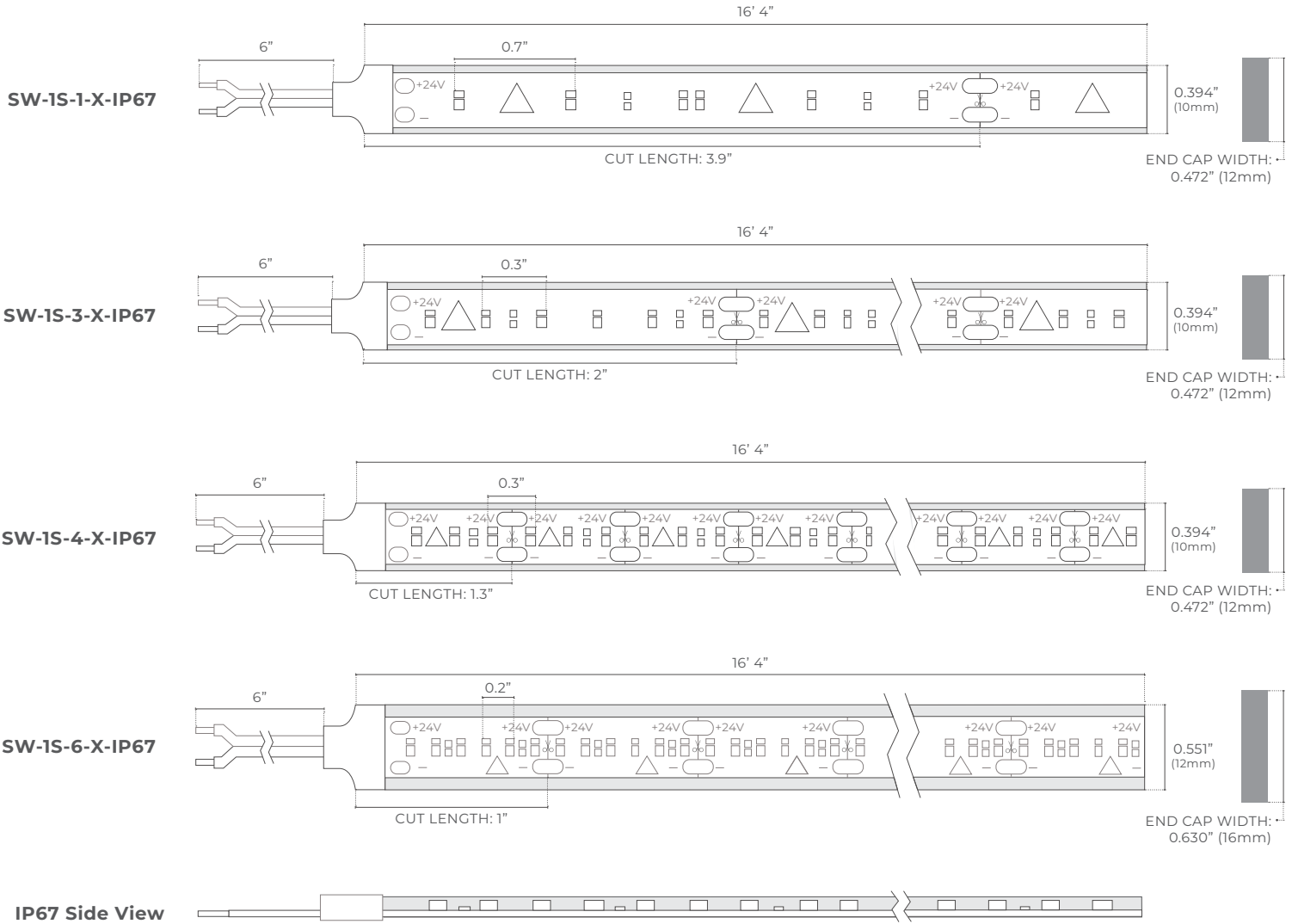
Minimum Channel Width: 8mm (0.315") for 1–4.5W tape, 10mm (0.394") for 6W tape



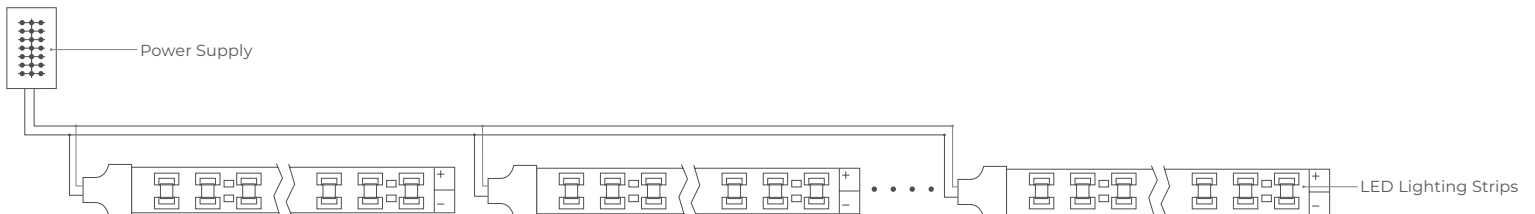
DIMENSIONS (CONTINUED)

IP67 TUBE

Minimum Channel Width: 12mm (0.472") for 1-4.5W tape, 16mm (0.630") for 6W tape



CONNECTION DRAWINGS OF SINGLE COLOR



ADDITIONAL DRAWINGS

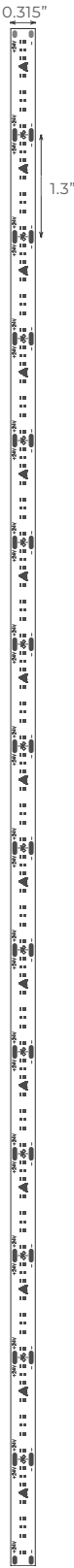
SW-1S-1 PCB



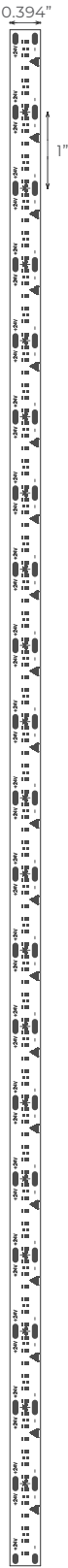
SW-1S-3 PCB



SW-1S-4 PCB



SW-1S-6 PCB



ACCESSORIES

CN-BTCB8

Board to Board Connector with Cable for 8mm Width Single Color LED Tapelight, Cable Length 5.3in



CN-BTC8

Board to Cable Connector for 8mm Width Single Color LED Tapelight, Cable Length 5.5in



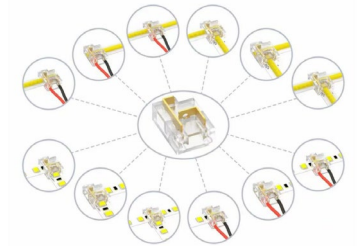
CN-BTB8

Board to Board Connector without Cable for 8mm Single Color LED Tapelight



CN-TL8

T or L Type Corner Connector for 8mm Single Color LED Tapelight



RECOMMENDED DRIVERS

D-60W

60W Constant Voltage LED Driver 5 In 1 Dimming Function



D-60W-ND

60W Constant Voltage LED Driver Non-Dimming



D-96W

96W Constant Voltage LED Driver 5 In 1 Dimming Function



D-300W

300W Constant Voltage LED Driver 5 In 1 Dimming Function

