

PROJECT

DATE

COMMENTS



ENERGY CHART				
CCT	CRI	LUMENS/FT	EFFICACY lm/w	POWER w/ft
2700K	80CRI	395-453	93-106	4.3
	90CRI	346-396	81-93	4.3
3000K, 3500K	80CRI	418-479	98-112	4.3
	90CRI	366-418	86-98	4.3
4000K, 5000K	80CRI	439-503	103-118	4.3
	90CRI	384-439	90-103	4.3

ORDERING LOGIC

FAMILY	TYPE	CCT	CRI	INSTALL TYPE	LENGTH*
SW	AC-HO				
		27	2700K	80 80+	HW Hardwire (UL1598)
		30	3000K	90 90+	PL Plug In (UL2388)
		35	3500K		
		40	4000K		
		50	5000K		

SW-AC-HO STATIC WHITE LED TAPELIGHT DIRECT AC HIGH OUTPUT

The SW-AC-HO series is a direct AC 120V LED tapelight that is IP65 rated for interior and exterior applications. The maximum run length is 164ft and it is not field cuttable. Specific lengths can be pre-cut at the factory for satisfying project requirements.

- Static-White Family
- Indoor / Outdoor

PHYSICAL

Mounting	Mounting Clips (2 per 3.28ft)
Maximum Run	164'
Lens	PVC
LED Type	SMD2835
LED Qty	80LED/m [24LED/ft] — 8 LEDs per 0.1m cut increment

PERFORMANCE

Warranty	3 years
Certification	ETL, RoHS Compliant
IP Rating	IP65
Rated Life	36,000 hours
Operating Temperature	-20°C to 45°C (-4°F to 113°F)
Dimmable	Triac
CCT	2700K, 3000K, 3500K, 4000K, 5000K
CRI	80+ or 90+
Beam Angle	120°

ELECTRICAL

Voltage	AC 120V
Power Factor	>0.8

APPLICATIONS

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

EX: SW-AC-HO-27-80-ST

ORDERING NOTES

- * 0.1m [3.94"] increments
- * End caps add 30mm [1.18"] to overall product length, ex. if length ordered is 0.6m [23.62"], total length would be 0.63m [24.80"].
- * Lengths to be specified in inches (max length = 50m / 164' / 1968.5"). Final length to be determined during order entry. Refer to Nominal-to-Actual Length Chart.
- * See line drawings on next page for feed and end cap adders.

SEE ACCESSORIES ORDERING LOGIC ON PAGE 2

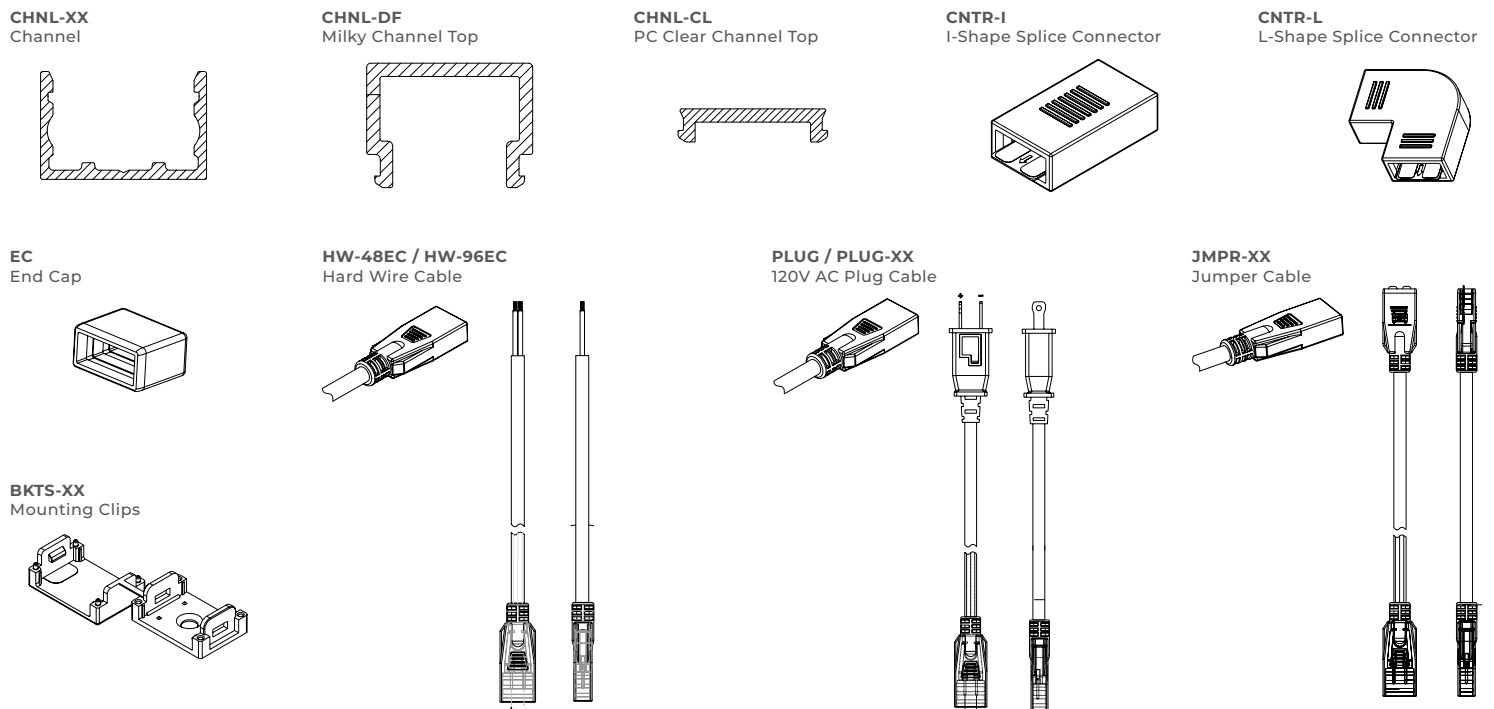


ACCESSORIES ORDERING LOGIC (ORDER SEPARATELY)

EX: SW-AC-HO-PLUG-EC

FAMILY	ACCESSORIES	
SW-AC-HO		
	JUMPER CABLES, SPLICE CONNECTORS, & END CAPS	GENERAL ACCESSORIES
	JMPR-6 6in White Jumper Cable (1pc) JMPR-12 12in White Jumper Cable (1pc) JMPR-18 18in White Jumper Cable (1pc) JMPR-24 24in White Jumper Cable (1pc) CNTR-I I-Shape Splice Connector (1pc) CNTR-L L-Shape Splice Connector (1pc) EC Non-Wire, Non-Power Feed End Cap (100pcs)	SPD IP66 5kV Surge Protection Device PLUG Static White LED Tapelight Direct AC High Output, 19.7in/500mm IP65 White Power Wire with U.S. 120V Plug, End Cap PLUG-48 120V AC Plug (1pc), 47.24in/1200mm Lead Cable (1pc), Wire End Cap, Non-Wire End Cap PLUG-96 120V AC Plug (1pc), 94.49in/2400mm Lead Cable (1pc), Wire End Cap, Non-Wire End Cap HW-48EC 47.24in/1200mm Lead Cable with Bare Wire (1pc), Wire End Cap (1pc), Non-Wire End Cap (1pc) HW-96EC 94.49in/2400mm Lead Cable with Bare Wire (1pc), Wire End Cap (1pc), Non-Wire End Cap (1pc) BKTS-1 Clear Mounting Brackets with Screws (1 set) BKTS-10 Clear Mounting Brackets with Screws (10pcs) TAPE 3M VHB Double Sided Tape, 108ft/33m Reel, 0.63in/16mm width GLUE PVC Glue
	CHANNELS	
	CHNL-DF Surface Mount Channel, 38 x 0.79 x 0.94in [965 x 20 x 24mm] (L x W x H), Silver Finish, Polycarbonate Diffused Milky Lens CHNL-CL Surface Mount Channel, 38 x 0.79 x 0.57in [965 x 20 x 14.6mm] (L x W x H), Silver Finish, Polycarbonate Clear Lens	

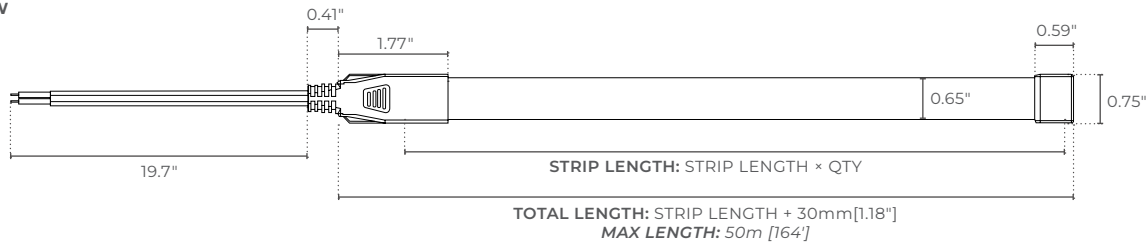
ACCESSORIES



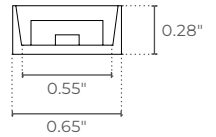
DIMENSIONS

HARDWARE (UL1598)

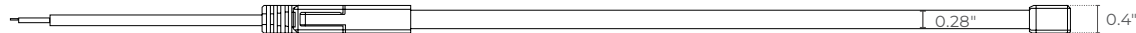
FRONT VIEW



END CAP

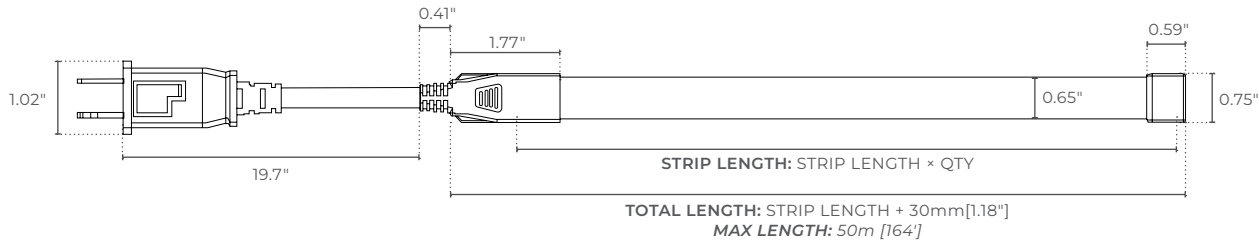


LATERAL VIEW

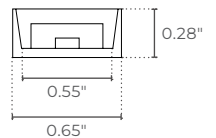


PLUG VERSION (UL2388)

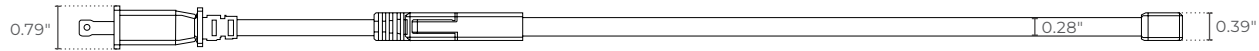
FRONT VIEW



END CAP



LATERAL VIEW



NOMINAL-TO-ACTUAL LENGTH CHART

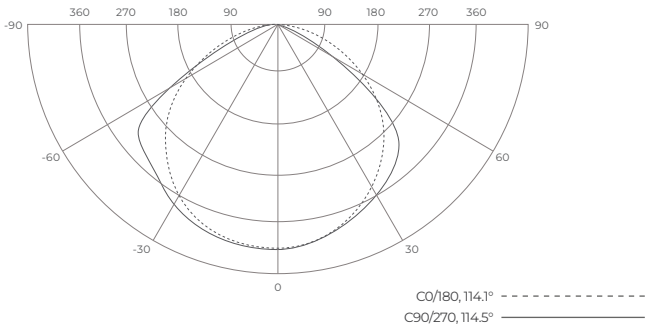
NOMINAL ORDER LENGTH Inches	ACTUAL STRIP LENGTH	FINISHED LENGTH (+ END CAP)
12 in (1 ft)	0.3 m / 11.81 in	0.33 m / 12.99 in
24 in (2 ft)	0.6 m / 23.62 in	0.63 m / 24.80 in
36 in (3 ft)	0.9 m / 35.43 in	0.93 m / 36.61 in
48 in (4 ft)	1.2 m / 47.24 in	1.23 m / 48.43 in
60 in (5 ft)	1.5 m / 59.06 in	1.53 m / 60.24 in
72 in (6 ft)	1.8 m / 70.87 in	1.83 m / 72.05 in
84 in (7 ft)	2.1 m / 82.68 in	2.13 m / 83.86 in
96 in (8 ft)	2.4 m / 94.49 in	2.43 m / 95.67 in
108 in (9 ft)	2.7 m / 106.30 in	2.73 m / 107.48 in
120 in (10 ft)	3.0 m / 118.11 in	3.03 m / 119.29 in
180 in (15 ft)	4.6 m / 181.10 in	4.63 m / 182.28 in
240 in (20 ft)	6.1 m / 240.16 in	6.13 m / 241.34 in
300 in (25 ft)	7.6 m / 299.21 in	7.63 m / 300.39 in
360 in (30 ft)	9.1 m / 358.27 in	9.13 m / 359.45 in
480 in (40 ft)	12.2 m / 480.31 in	12.23 m / 481.50 in
600 in (50 ft)	15.2 m / 598.43 in	15.23 m / 599.61 in

- Finished Length reflects the LED strip and end cap only. It does not include the input lead; hardwire versions have a 500mm [19.7"] bare-wire lead, and Plug-In versions have a 500mm [19.7"] power cord with U.S. 120V plug. Both extend beyond the finished length shown above.
- Cut lengths are fixed at 0.1m (3.94") increments — exact lengths in inches (e.g. 24.00") are not achievable. The chart above shows the closest available length.
- Custom lengths available in 0.1m increments up to 50m [164ft] per reel. Specify length needed in inches and contact factory for details.

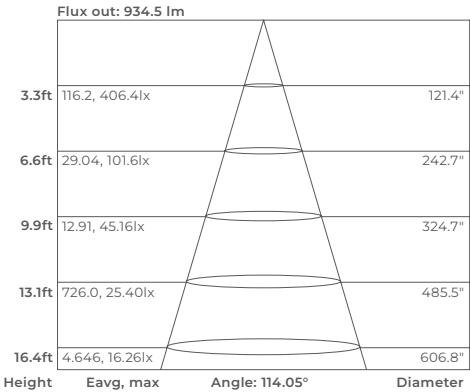


PHOTOMETRICS - 4.3W/ft-90CRI-3000K

AVERAGE BEAM ANGLE (50%): 114.3°



Average Illuminance Curve



NOTE
The curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

ADDITIONAL IMAGERY

SW-AC-HO



SW-AC-HO in extrusion



AC Plug, End Caps, & Mounting Brackets



Jumper Cable



Mounting Brackets



L-Shape Splice Connector

