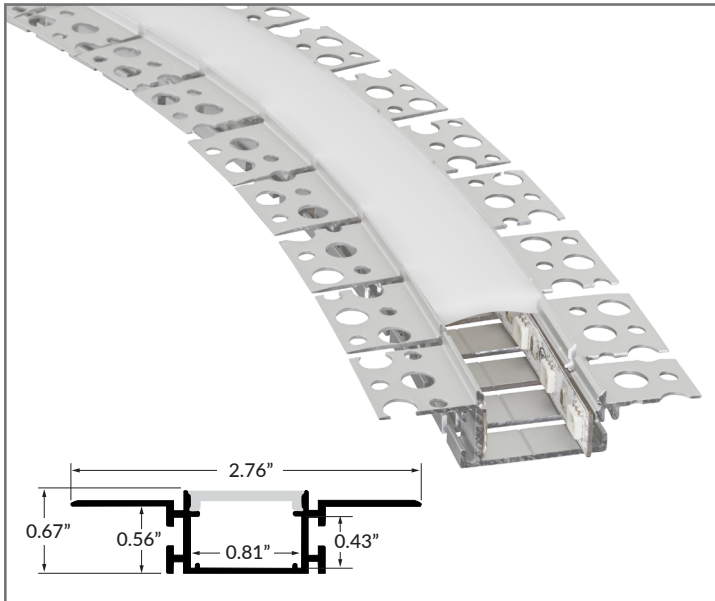




SEAMLESS SIDE BEND 1.0 EXTRUSION + LED TAPELIGHT



5 YEAR
LIMITED
WARRANTY



SPECIFICATIONS

FINISH	Silver
LENS	Frosted
WATTAGE	5.0W/ft to 8.8W/ft
IP RATING	IP20, IP65 - rating applies to tapelight, see page 2 for details
CCT / COLOR	2200K - 5200K; static color; RGB; warm fade
BEAM SPREAD	105°
INPUT VOLTAGE	24VDC
LENGTH	Made to order. Actual lengths vary by LED tapelight cut points. Maximum assembled length is 94in. Lengths over 94in are made with multiple sections, shipped unassembled.
OUTPUT	233 to 579 lm/ft
LEDS	Single binned LEDs +/- 30-70 CCT, MacAdam 3 SDCM
MATERIAL	Extrusion - Anodized aluminum; Lens - Polycarbonate
MOUNTING	Mounting screws and plaster (not included)
POWER SUPPLY	Requires a 24V power supply - see below
WARRANTY	IP20 - 5 year limited, IP65 - 3 year limited

FEATURES & RECOMMENDED APPLICATIONS

Low-profile and lightweight bendable LED channel designed to be plastered into ceilings and drywalls for a seamless finish. It is flexible to use and can be bent side-to-side to create curved designs.



PRODUCT: LLI-SS1-SF-DF7.0W-30D-24V-94IN

SEAMLESS SIDE BEND 1.0 EXTRUSION + LED TAPELIGHT

ORDERING GUIDE

← PRODUCT CODE

PROFILE	1a. FINISH	1b. LENS	2. LED	3. IP RATING*	4. CCT / COLOR	INPUT	5. LENGTH
LLI-SS1	S	F	D8.8W	65	30K	24V	48IN
	Silver	Frosted	WATTS/FT 5.0-8.8 W/ft	[blank] - IP20 65 - IP65	22K-52K Warm Fade Static Color RGB		Enter overall length in inches. Length can be a complete section (if under max run) or separated into smaller sections. Nominal length only. Actual lengths vary by LED cut point.

OPTIONAL →

POWER FEED		
6. LEAD TYPE	7. LEAD LENGTH	8. FEED TYPE
[blank]		
Default [blank] - 48" hard wire rear feed (PWR48RF)		
Refer to section 7 on the next page for an alternate power feed configuration.		

Example part number: LLI-SS1-SF-H4.4W-65-35K-24V-48IN

More LED tapelight and color options available upon request. Visit www.llilighting.com or contact us for details.

1. FINISH & LENS

1a. FINISH S S Silver Anodized finish	1b. LENS F F Frosted lens
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2-4. LED TAPELIGHT OPTIONS

2. LED CODE	3. IP RATING*	4. CCT / COLOR	TECHNICAL DATA					
DH8.8W	[blank]	30K						
For IP20, leave [blank].			WATTAGE	TAPELIGHT	DELIVERED LM/FT @ 30K^	FROSTED LENS APPEARANCE**	CRI	MAX. RUN
D5.0W (White)	20 / 65	22K / 24K / 27K / 30K / 35K / 42K / 52K	5.0 W/ft	(2) sidewall L2.5W	233 lm/ft	UNIFORM	90+	32 ft
♦ DF7.0W (Warm Fade)	20 / 65	27D (18-27K) / 30D (18-30K)	7.0 W/ft	(2) sidewall LWF3.5W	334 lm/ft	UNIFORM	90+	16 ft
D8.8W (White)	20 / 65	22K / 24K / 27K / 30K / 35K / 42K / 52K	8.8 W/ft	(2) sidewall L4.4W	362 lm/ft	UNIFORM	90+	32 ft
★ DH7.0W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	7.0 W/ft	(2) sidewall LHE3.5W	449 lm/ft	UNIFORM	90+	26 ft
★ DH8.8W (White)	20 / 65	22K / 24K / 27K / 30K / 35K / 42K / 52K	8.8 W/ft	(2) sidewall LHE4.4W	579 lm/ft	UNIFORM	90+	32 ft
DC8.8W (Static Color)	20 / 65	RED / AMB / GRN / BLU	8.8 W/ft	(2) sidewall LC4.4W	N/A	UNIFORM	—	32 ft
DTC8.8W (RGB)	20 / 65	RGB	8.8 W/ft	(2) sidewall LTPCC4.4W	190 lm/ft	UNIFORM	—	16 ft

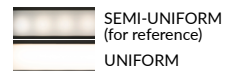
♦ Warm Fade tapelight requires a UDEFF, UDIMM, or 0-10V dimmable power supply.

★ Recommended options.

** Diode visibility data tested at 100% output. Diodes may become more visible as tapelight dims.

^ Lumen data based on frosted lens, IP20 tapelight, 30K white output, or combined output for tunable white, warm fade, RGB, and RGB(W) tapelights.

* Protection varies according to IP Rating. See below or refer to llilighting.com/resources for more information.



 IP20, uncoated - Dry Location

 IP65, silicone covered - Wet Location - Limited protection from water ingress. Not suitable for applications that may see pooling or standing water conditions. Not suitable for submersion.

5. LENGTH

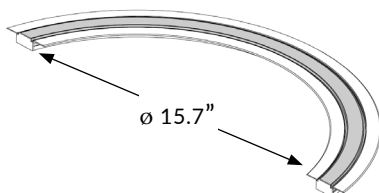
5. LENGTH

48IN

Enter overall extrusion length in inches. Maximum assembled length is 94in. Lengths over 94in are made with multiple sections, shipped unassembled. Overall Extrusion+LED tapelight length will be rounded down based on nearest LED tapelight cut point.



Do not bend tighter than ϕ 15.7"



SEAMLESS SIDE BEND 1.0 EXTRUSION + LED TAPELIGHT

ORDERING GUIDE (CONTINUED)

6-8. POWER FEED (optional)

7. LEAD TYPE	8. LEAD LENGTH	9. FEED TYPE
[blank]	[blank]	[blank]

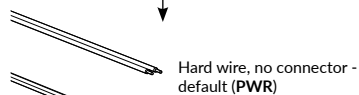
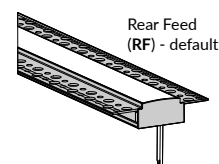
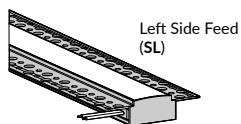
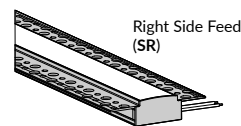
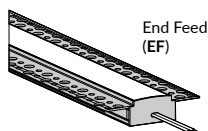
Default [blank] - 48" hard wire rear feed (PWR48RF)

PWR Hard wire
MBC* Male barrel
FBC* Female barrel

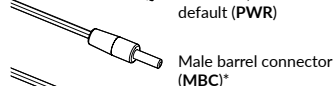
Enter desired wire length in inches.

EF End Feed
SL Left Side Feed
SR Right Side Feed
RF Rear Feed

STANDARD 48" HARD WIRE REAR FEED INCLUDED
UNLESS OTHERWISE SPECIFIED



Hard wire, no connector - default (PWR)



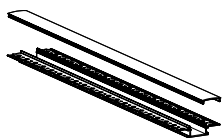
Male barrel connector (MBC*)



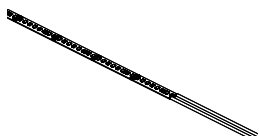
Female barrel connector (FBC*)

*Barrel connectors not compatible with RGB, RGB(W), or Tunable White tapelights.

WHAT'S INCLUDED



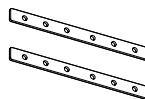
EXTRUSION WITH LENS



LED TAPELIGHT WITH POWER FEED



ENDCAPS



JOINER BARS
(Included if required for layout. Screws and hex wrench included)

SEAMLESS SIDE BEND 1.0 EXTRUSION + LED TAPELIGHT

LUMEN OUTPUT MULTIPLIERS (FOR ESTIMATING DELIVERED LUMENS)

COLOR TEMPERATURE	LUMEN MULTIPLIER
2200K	0.8
2700K	0.9
3000K	1
3500K	1.1
4200K	1.2
5200K	1.25

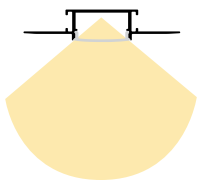
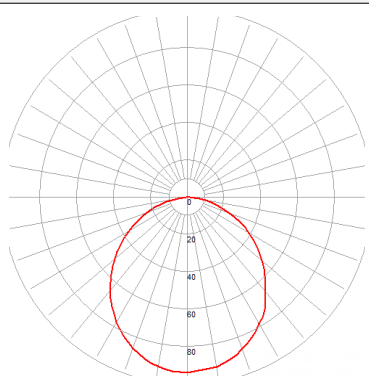
IP RATING	LUMEN MULTIPLIER
IP20	1
IP65	0.9

EXAMPLE: Extrusion with D8.8W, IP65, 5200K

(Output @ 30K) x (Color temperature lumen multiplier) x (IP rating lumen multiplier) = Estimated delivered lm/ft

$$362 \text{ lm/ft} \times 1.25 \times 0.9 = 407 \text{ lm/ft}$$

PHOTOMETRY

LLI-SS1-SF-D8.8W-30K-24V*		BEAM SPREAD	POLAR CHART
POWER (W/ft)	8.8W	105° 	
OUTPUT (lm/ft)	362 lm/ft		
COLOR TEMPERATURE	3000K		
BEAM SPREAD	105°		
EFFICACY (lm/W)	41 lm/W		

*Information for other options available upon request. IES files for extrusion+tapelight available upon request.

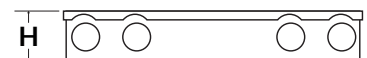
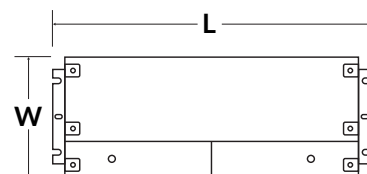
POWER SUPPLIES SOLD SEPARATELY

DIMMABLE ELECTRONIC 0-10V

Optimal performance dims to 0%.*



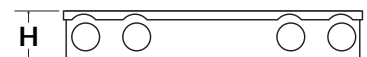
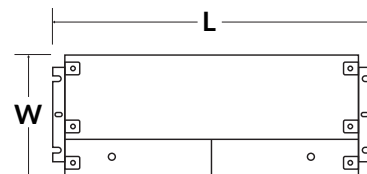
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DE010-030W-24V-KO	30W	120V or 277V	24V	CLASS 2	IP66 WET	6.5"	3.6"	1.6"
LLI-PS-DE010-060W-24V-KO	60W	120V or 277V	24V	CLASS 2	IP66 WET	7.4"	3.6"	1.6"
LLI-PS-DE010-096W-24V-KO	96W	120V or 277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-DE010-192W-24V-CL2-KO	2x96W	120V or 277V	24V	CLASS 2	IP66 WET	10.9"	4.3"	1.9"
LLI-PS-DE010-200W-24V-KO	200W	120V or 277V	24V	CLASS 1	IP66 WET	10.2"	4.1"	1.8"
LLI-PS-DE010-288W-24V-CL2-KO	3x96W	120V or 277V	24V	CLASS 2	IP66 WET	11.9"	4.3"	1.9"
LLI-PS-DE010-300W-24V-KO	300W	120V or 277V	24V	CLASS 1	IP66 WET	10.9"	4.3"	1.8"



NON-DIMMABLE ELECTRONIC



PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-NDE-030W-24V-KO	30W	100-277V	24V	CLASS 2	IP66 WET	6.5"	3.5"	1.02"
LLI-PS-NDE-060W-24V-KO	60W	100-277V	24V	CLASS 2	IP66 WET	7.4"	3.5"	1.2"
LLI-PS-NDE-096W-24V-KO	96W	100-277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-NDE-192W-24V-CL2-KO	2x96W	100-277V	24V	CLASS 2	IP66 WET	10.9"	4.1"	1.9"
LLI-PS-NDE-200W-24V-KO	200W	100-277V	24V	CLASS 1	IP66 WET	10.3"	4.1"	1.8"
LLI-PS-NDE-288W-24V-CL2-KO	3x96W	100-277V	24V	CLASS 2	IP66 WET	11.9"	4.1"	1.9"
LLI-PS-NDE-300W-24V-KO	300W	100-277V	24V	CLASS 1	IP66 WET	10.9"	4.3"	1.8"

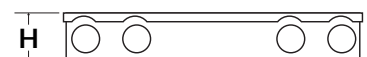
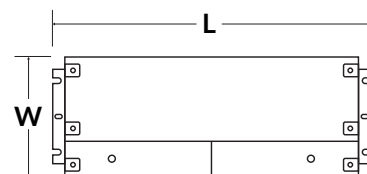


DIMMABLE ELECTRONIC FLICKER-FREE

Optimal performance dims to 2-5%.



PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-UDEFF-030W-24V-KO	30W	110-277V	24V	CLASS 2	IP66 WET	6.5"	3.6"	1.0"
LLI-PS-UDEFF-060W-24V-KO	60W	110-277V	24V	CLASS 2	IP66 WET	7.4"	3.6"	1.0"
LLI-PS-UDEFF-096W-24V-KO	96W	110-277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.6"
LLI-PS-UDEFF-192W-24V-CL2-KO	2x96W	110-277V	24V	CLASS 2	IP66 WET	10.9"	4.3"	1.9"
LLI-PS-UDEFF-200W-24V-KO	200W	110-277V	24V	CLASS 1	IP66 WET	10.2"	4.1"	1.8"
LLI-PS-UDEFF-288W-24V-CL2-KO	3x96W	110-277V	24V	CLASS 2	IP66 WET	11.9"	4.3"	1.9"
LLI-PS-UDEFF-300W-24V-KO	300W	110-277V	24V	CLASS 1	IP66 WET	11.0"	4.3"	1.8"

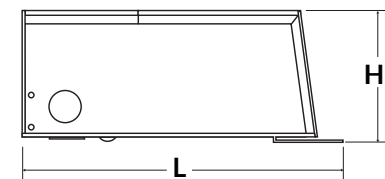
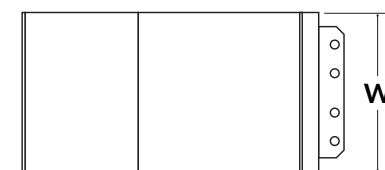


DIMMABLE MAGNETIC

Optimal performance dims to 5-10%.*



PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DM-020W-24V-KO	20W	120V or 277V	24V	CLASS 2	NEMA 3R WET	7.38"	2.11"	1.60"
LLI-PS-DM-040W-24V-KO	40W	120V or 277V	24V	CLASS 2	NEMA 3R WET	7.38"	2.11"	1.60"
LLI-PS-DM-060W-24V-KO	60W	120V or 277V	24V	CLASS 2	NEMA 3R WET	8.13"	3.93"	1.59"
LLI-PS-DM-100W-24V-KO	100W	120V or 277V	24V	CLASS 2	NEMA 3R WET	8.13"	3.93"	1.59"
LLI-PS-DM-150W-24V-KO	150W	120V or 277V	24V	CLASS 1	NEMA 3R WET	8.79"	4.15"	3.41"
LLI-PS-DM-200W-24V-KO	200W	120V or 277V	24V	CLASS 1	NEMA 3R WET	8.79"	4.15"	3.41"
LLI-PS-DM-300W-24V-KO	300W	120V or 277V	24V	CLASS 1	NEMA 3R WET	8.79"	4.15"	3.41"
LLI-PS-DM-300W-24V-CL2-KO	6 x 50W	120V or 277V	24V	CLASS 2	NEMA 3R WET	10.29"	5.69"	3.43"
LLI-PS-DM-600W-24V-KO	2 x 300W	120V or 277V	24V	CLASS 1	NEMA 3R WET	10.29"	6.79"	4.68"

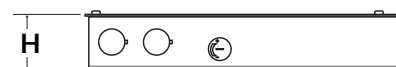
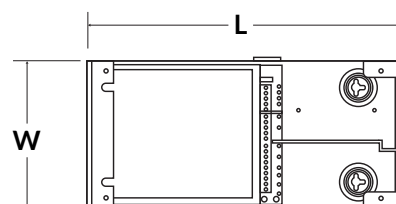


LUTRON HI-LUME PREMIER 0.1% DIMMABLE ELECTRONIC

Soft-on, Fade-to-Black, continuous flicker-free dimming from 100% to 0.1.



PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
L3D0-96W24V-U	96W	120-277V	24V	CLASS 2	IP20 DRY	10.5"	5.5"	2.0"



*Performance can be affected by driver loading and dimmer type.

CONTROLS (SOLD SEPARATELY)
