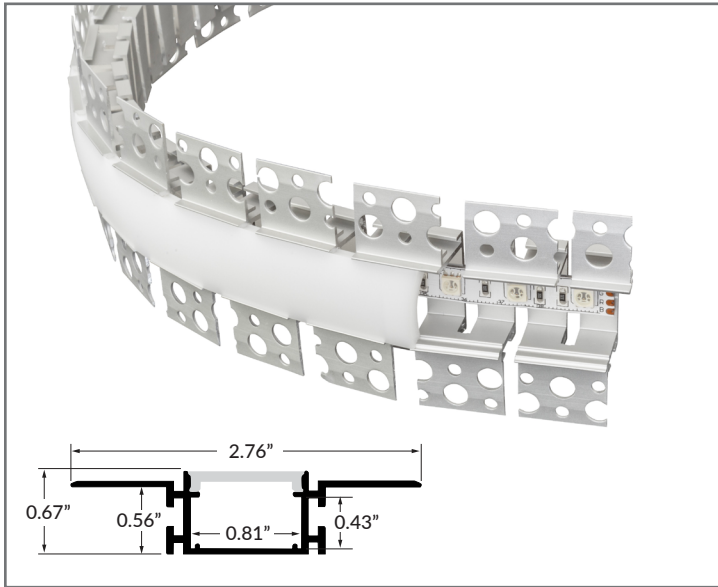


SEAMLESS TOP BEND 1.0 EXTRUSION + LED TAPELIGHT



5 YEAR
LIMITED
WARRANTY



ASSEMBLED IN THE
USA

SPECIFICATIONS

FINISH	Silver
LENS	Frosted
WATTAGE	0.75W/ft to 8.8W/ft
IP RATING	IP20, IP65, IP67, IP68 - rating applies to tapelight, see page 2 for details
CCT / COLOR	2200K - 5200K; RGB; RGBW; tunable white; 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	48 to 492 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, IP65/67/68 - 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 top-to-bottom to create curved designs.



PRODUCT: LLI-ST1-SF-8.8W-35K-24V-94IN

SEAMLESS TOP 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-ST1	S	F	H4.4W	65	30K	24V	48IN
	Silver	Frosted	WATTS/FT 0.75-8.8 W/ft	[blank] - IP20 65 - IP65 67 - IP67 68 - IP68	22K-52K Warm Fade Tunable White Static Color RGB RGBW		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.

Example part number: LLI-ST1-SF-H4.4W-65-35K-24V-48IN

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.		

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
--	--

2-4. LED TAPELIGHT OPTIONS

2. LED CODE	3. IP RATING*	4. CCT / COLOR	TECHNICAL DATA					
H4.4W	[blank]	30K						
For IP20, leave {blank}.			WATTAGE	DELIVERED LM/FT @ 30K^	FROSTED LENS APPEARANCE**	CRI	MAX. RUN	CUT POINTS*
T0.75W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	0.75 W/ft	48 lm/ft	SEMI-UNIFORM	90+	26 ft	1"
1.5W (White)	20 / 65* / 68*	22K / 27K / 30K / 35K / 42K / 52K	1.5 W/ft	89 lm/ft	IMAGING	90+	60 ft*	3.9"
T1.5W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	1.5 W/ft	96 lm/ft	SEMI-UNIFORM	90+	26 ft	1"
2.5W (White)	20 / 65 / 68	22K / 24K / 27K / 30K / 35K / 42K / 52K	2.5 W/ft	117 lm/ft	SEMI-UNIFORM	90+	32 ft	2"
2.2W (White)	20 / 65* / 68*	22K / 27K / 30K / 35K / 42K / 52K	2.2 W/ft	118 lm/ft	IMAGING	90+	60 ft*	3.9"
T2.5W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	2.5 W/ft	126 lm/ft	UNIFORM	90+	20 ft	1"
3.5W (White)	20 / 65 / 68	22K / 27K / 30K / 35K / 42K / 52K	3.5 W/ft	149 lm/ft	SEMI-UNIFORM	90+	40 ft	2.5"
WF3.5W (Warm Fade)	20 / 65 / 67	27D (18-27K) / 30D (18-30K)	3.5 W/ft	167 lm/ft	SEMI-UNIFORM	90+	16 ft	2.5"
TW2.7W (Tunable White)	20 / 65 / 68	1835 (18-35K) / 2235 (22-35K) / 2752 (27-52K)	2.7 W/ft	173 lm/ft	SEMI-UNIFORM	90+	26 ft	3.3"
4.4W (White)	20 / 65 / 68	22K / 24K / 27K / 30K / 35K / 42K / 52K	4.4 W/ft	181 lm/ft	SEMI-UNIFORM	90+	32 ft	2"
H3.5W (White)	20 / 65 / 68	22K / 27K / 30K / 35K / 42K / 52K	3.5 W/ft	224 lm/ft	UNIFORM	90+	26 ft	2.5"
T5.0W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	5.0 W/ft	243 lm/ft	UNIFORM	90+	13 ft	1"
H4.0W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	4.0 W/ft	250 lm/ft	UNIFORM	90+	40 ft	1.3"
R5.4W (White, High R9)	20 / 65 / 68	22K / 27K / 30K / 35K / 42K / 52K	5.4 W/ft	289 lm/ft	UNIFORM	95+	16 ft	1"
H4.4W (White)	20 / 65 / 68	22K / 24K / 27K / 30K / 35K / 42K / 52K	4.4 W/ft	289 lm/ft	UNIFORM	90+	32 ft	2"
TW5.3W (Tunable White)	20 / 65 / 68	1835 (18-35K) / 2235 (22-35K) / 2752 (27-52K)	5.3 W/ft	302 lm/ft	SEMI-UNIFORM	90+	16 ft	3.3"
8.8W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	8.8 W/ft	317 lm/ft	UNIFORM	90+	32 ft	1"
H6.6W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	6.6 W/ft	408 lm/ft	UNIFORM	90+	16 ft	1.3"
H5.3W (White)	20 / 68	27K / 30K / 35K / 42K / 52K	5.3 W/ft	421 lm/ft	UNIFORM	90+	16 ft	2"
IC5.9W (White)	20 / 67	27K / 30K / 35K / 42K / 52K	5.9 W/ft	447 lm/ft	UNIFORM	90+	16 ft	0.21"
HO5.9W (White)	20 / 68	27K / 30K / 35K / 42K / 52K	5.9 W/ft	492 lm/ft	UNIFORM	90+	16 ft	2"
C2.2W (Static Color)	20 / 65 / 68	RED / AMB / GRN / BLU	2.2 W/ft	N/A	IMAGING	—	60 ft	3.9"
C4.4W (Static Color)	20 / 65 / 68	RED / AMB / GRN / BLU	4.4 W/ft	N/A	UNIFORM	—	32 ft	2"
CC4.4W (RGB)	20 / 65 / 68	RGB	4.4 W/ft	65 lm/ft	IMAGING	—	32 ft	3.9"
TC4.4W (RGB)	20 / 65	RGB	4.4 W/ft	95 lm/ft	UNIFORM	—	16 ft	2"
CC5.9W (RGB)	20 / 65	RGB	5.9 W/ft	176 lm/ft	UNIFORM	—	32 ft	2.8"
CW5.8W (RGBW)	20 / 65	R30 (RGB + 30K) / R60	5.8 W/ft	159 lm/ft	IMAGING	80+	32 ft	3.9"
CW7.0W (RGBW)	20	R30 (RGB + 30K) / R60	7.0 W/ft	184 lm/ft	SEMI-UNIFORM	90+	28 ft	2.5"
CW7.6W (RGBW)	20 / 65	R22 (RGB + 22K) / R27 / R30 / R35 / R42 / R52	7.6 W/ft	194 lm/ft	SEMI-UNIFORM	90+	16 ft	2.5"
CW8.8W (RGBW)	20 / 65	R27 (RGB + 27K) / R30 / R35 / R42 / R52	8.8 W/ft	330 lm/ft	SEMI-UNIFORM	90+	22 ft	3.9"

* 1.5W and 2.2W IP65/IP68 tapelight maximum run is reduced to 50 ft, only IP20 may reach maximum run of 60 ft.

★ Recommended options.

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

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

Δ 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.
-  IP67, silicone hollow core - Wet Location - Moderate protection from water ingress. Not suitable for applications that may see pooling or standing water conditions. Not suitable for submersion.
-  IP68, solid silicone - Wet Location - Full protection against water ingress for most applications. Limited protection from water ingress in submerged applications.



SEAMLESS TOP BEND 1.0 EXTRUSION + LED TAPELIGHT

ORDERING GUIDE (CONTINUED)

5. LENGTH

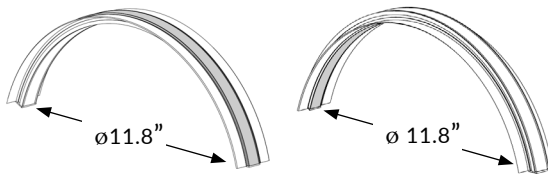
5.
LENGTH

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 $\phi 11.8''$



6-8. POWER FEED (optional)

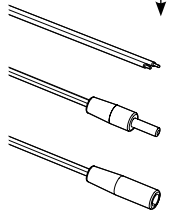
7. LEAD TYPE	8. LEAD LENGTH	9. FEED TYPE
[blank]	[blank]	[blank]

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



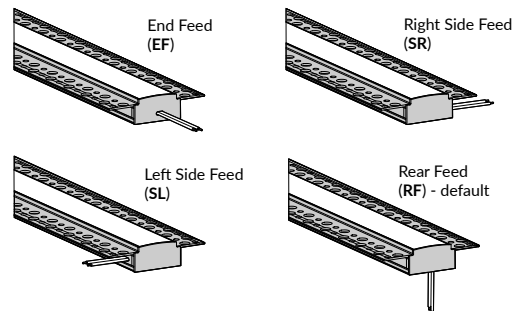
Hard wire, no connector -
default (**PWR**)

Male barrel connector
(**MBC**)*

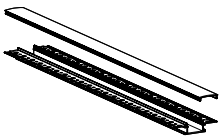
Female barrel connector
(**FBC**)*

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

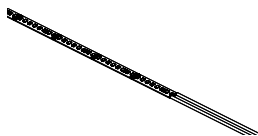
STANDARD 48" HARD WIRE REAR FEED INCLUDED
UNLESS OTHERWISE SPECIFIED



WHAT'S INCLUDED



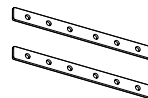
EXTRUSION WITH LENS



LED TAPELIGHT WITH
POWER FEED



ENDCAPS



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

SEAMLESS TOP 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

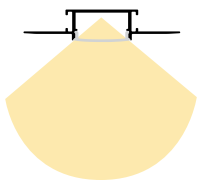
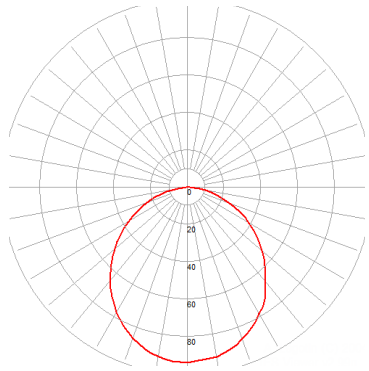
IP RATING	LUMEN MULTIPLIER
IP20	1
IP65	0.9
IP68	0.9

EXAMPLE: Extrusion with 8.8W, IP65, 5200K

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

317 lm/ft	x	1.25	x	0.9	=	357 lm/ft
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PHOTOMETRY

LLI-ST1-SF-4.4W-30K-24V*		BEAM SPREAD	POLAR CHART
POWER (W/ft)	4.4W	105° 	
OUTPUT (lm/ft)	181 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.

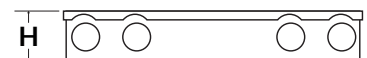
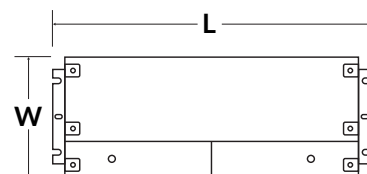
POWER SUPPLIES SOLD SEPARATELY

DIMMABLE ELECTRONIC 0-10V

Optimal performance dims to 0%.*



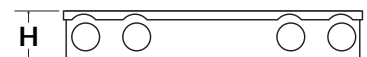
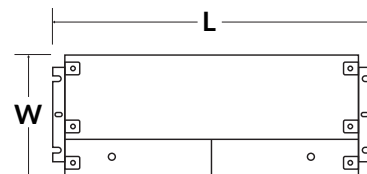
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DE010-030W-24V-KO	30W	120V or 277V	24V	CLASS 2	IP66 WET	6.5"	3.6"	1.6"
LLI-PS-DE010-060W-24V-KO	60W	120V or 277V	24V	CLASS 2	IP66 WET	7.4"	3.6"	1.6"
LLI-PS-DE010-096W-24V-KO	96W	120V or 277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-DE010-192W-24V-CL2-KO	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"

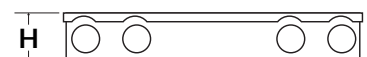
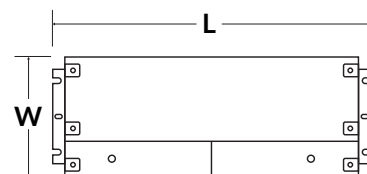


DIMMABLE ELECTRONIC FLICKER-FREE

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"

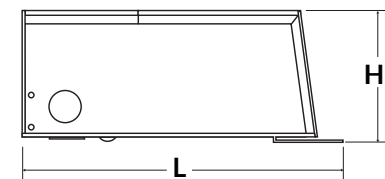
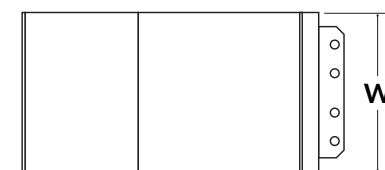


DIMMABLE MAGNETIC

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"

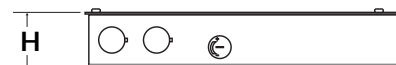
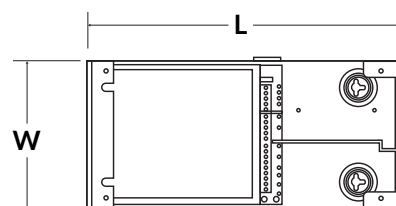


LUTRON HI-LUME PREMIER 0.1% DIMMABLE ELECTRONIC

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)
