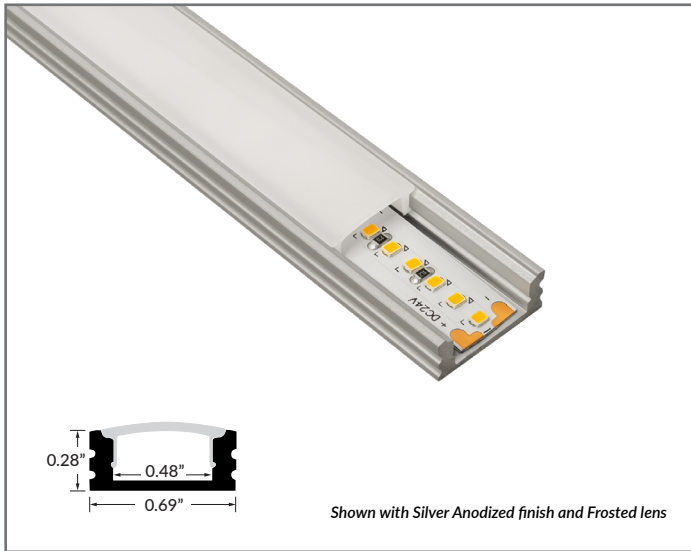


THIN EXTRUSION + LED TAPELIGHT



SPECIFICATIONS

FINISH	Silver Anodized, Black Powder Coat, White Powder Coat
LENS	Frosted, Clear, White, Black
WATTAGE	0.75W/ft to 5.9W/ft
IP RATING	IP20, IP65 - rating applies to tapelight, see page 2 for details
CCT / COLOR	2200K - 5200K; RGB; RGBW; tunable white; warm fade
BEAM ANGLE	105° typical with Frosted lens
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	78 to 806 lm/ft with Frosted lens
LEDS	Single binned LEDs +/- 30-70 CCT, MacAdam 3 SDCM
MATERIAL	Extrusion - Anodized aluminum; Lens - Polycarbonate
MOUNTING	Mounting clips recommended
POWER SUPPLY	Requires a 24V power supply - see page 5
WARRANTY	IP20 - 5 year limited, IP65 - 3 year limited

5 YEAR
LIMITED
WARRANTY



ASSEMBLED IN THE
USA

FEATURES & RECOMMENDED APPLICATIONS

Surface-mount extrusion for sleek lighting with a minimalist profile. Good for accent, general, under cabinet, displays, shelving, signage.



PRODUCT: LLI-THN-SF-H4.4W-30K-24V-48IN

THIN EXTRUSION + LED TAPELIGHT

ORDERING GUIDE

← PRODUCT CODE

PROFILE LLI-THN	1a. FINISH S	1b. LENS F	2. LED 2.2W	3. IP RATING* 65	4. CCT / COLOR 30K	INPUT 24V	5. LENGTH 48IN
---------------------------	------------------------	----------------------	-----------------------	----------------------------	------------------------------	---------------------	--------------------------

Silver Black White
 Frosted Clear White Black
 WATTS/FT
 0.75-5.9 W/ft
 [blank] - IP20
 65 - IP65
 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.

OPTIONAL →

6. MOUNTING [blank]	POWER FEED	
	7. LEAD TYPE [blank]	8. LEAD LENGTH [blank]
	9. FEED TYPE [blank]	

Default [blank] - Ships standard with standard clips.
 Refer to section 6 on the next page if you require alternate mounting.
 Default [blank] - 48" hard wire end feed (PWR48EF)
 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.lialighting.com or contact us for details.

1. FINISH & LENS

<p>1a. FINISH</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">S</td></tr> </table> <p> S Silver Anodized finish B Black Powder Coat finish W White Powder Coat finish </p>	S	<p>1b. LENS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">F</td></tr> </table> <p> F Frosted lens C Clear lens W White lens (special order) B* Black lens (special order)* </p>	F
S			
F			

* 80% light loss factor

2-4. LED TAPELIGHT OPTIONS

2. LED CODE	3. IP RATING*	4. CCT / COLOR	TECHNICAL DATA					
			WATTAGE	DELIVERED LM/FT @ 30K^	FROSTED LENS APPEARANCE**	CRI	MAX. RUN	CUT POINTS*
For IP20, leave [blank].								
T0.75W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	0.75 W/ft	78 lm/ft	SEMI-UNIFORM	90+	26 ft	1"
1.5W (White)	20 / 65*	22K / 27K / 30K / 35K / 42K / 52K	1.5 W/ft	145 lm/ft	IMAGING	90+	60 ft*	3.9"
T1.5W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	1.5 W/ft	157 lm/ft	SEMI-UNIFORM	90+	26 ft	1"
2.5W (White)	20 / 65	22K / 24K / 27K / 30K / 35K / 42K / 52K	2.5 W/ft	191 lm/ft	IMAGING	90+	32 ft	2"
★ 2.2W (White)	20 / 65*	22K / 27K / 30K / 35K / 42K / 52K	2.2 W/ft	193 lm/ft	IMAGING	90+	60 ft*	3.9"
◆ T2.5W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	2.5 W/ft	206 lm/ft	SEMI-UNIFORM	90+	20 ft	1"
◆ WF3.5W (Warm Fade)	20 / 65	27D (18-27K) / 30D (18-30K)	3.5 W/ft	219 lm/ft	IMAGING	90+	16 ft	2.5"
3.5W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	3.5 W/ft	243 lm/ft	IMAGING	90+	40 ft	2.5"
★ CB3.1W (White COB)	20	27K / 30K / 35K / 40K / 50K	3.1 W/ft	261 lm/ft	UNIFORM	90+	16 ft	0.7"
★ TW2.7W (Tunable White)	20 / 65	1835 (18-35K) / 2235 (22-35K) / 2752 (27-52K)	2.7 W/ft	283 lm/ft	IMAGING	90+	26 ft	3.3"
★ 4.4W (White)	20 / 65	22K / 24K / 27K / 30K / 35K / 42K / 52K	4.4 W/ft	296 lm/ft	IMAGING	90+	32 ft	2"
★ CB4.6W (White COB)	20	27K / 30K / 35K / 40K / 50K	4.6 W/ft	391 lm/ft	UNIFORM	90+	16 ft	0.7"
H3.5W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	3.5 W/ft	397 lm/ft	SEMI-UNIFORM	90+	26 ft	2.5"
T5.0W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	5.0 W/ft	398 lm/ft	SEMI-UNIFORM	90+	13 ft	1"
★ H4.4W (White)	20 / 65	22K / 24K / 27K / 30K / 35K / 42K / 52K	4.4 W/ft	473 lm/ft	SEMI-UNIFORM	90+	32 ft	2"
R5.4W (White, High R9)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	5.4 W/ft	473 lm/ft	UNIFORM	95+	16 ft	1"
★ TW5.3W (Tunable White)	20 / 65	1835 (18-35K) / 2235 (22-35K) / 2752 (27-52K)	5.3 W/ft	494 lm/ft	IMAGING	90+	16 ft	3.3"
H5.3W (White)	20	27K / 30K / 35K / 42K / 52K	5.3 W/ft	689 lm/ft	SEMI-UNIFORM	90+	16 ft	2"
IC5.9W (White)	20	27K / 30K / 35K / 42K / 52K	5.9 W/ft	732 lm/ft	UNIFORM	90+	16 ft	0.21"
★ HO5.9W (White)	20	27K / 30K / 35K / 42K / 52K	5.9 W/ft	806 lm/ft	SEMI-UNIFORM	90+	16 ft	2"
C2.2W (Static Color)	20 / 65	RED / AMB / GRN / BLU	2.2 W/ft	N/A	IMAGING	—	60 ft	3.9"
C4.4W (Static Color)	20 / 65	RED / AMB / GRN / BLU	4.4 W/ft	N/A	IMAGING	—	32 ft	2"
CC4.4W (RGB)	20 / 65	RGB	4.4 W/ft	107 lm/ft	IMAGING	—	32 ft	3.9"
★ TC4.4W (RGB)	20 / 65	RGB	4.4 W/ft	156 lm/ft	IMAGING	—	16 ft	2"
★ CC5.9W (RGB)	20 / 65	RGB	5.9 W/ft	288 lm/ft	IMAGING	—	32 ft	2.8"
CW5.8W (RGBW)	20	R30 (RGB + 30K) / R60	5.8 W/ft	260 lm/ft	IMAGING	80+	32 ft	3.9"
CW7.0W (RGBW)	20	R30 (RGB + 30K) / R60	7.0 W/ft	302 lm/ft	IMAGING	90+	28 ft	2.5"
CW7.6W (RGBW)	20	R22 (RGB + 22K) / R27 / R30 / R35 / R42 / R52	7.6 W/ft	318 lm/ft	IMAGING	90+	16 ft	2.5"

* 1.5W and 2.2W IP65 tapelight maximum run is reduced to 50 ft, only IP20 may reach maximum run of 60 ft.
 ★ Recommended options.
 ◆ Warm Fade tapelight requires a UDIMM or 0-10V dimmable power supply.
 ** 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 lialighting.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.



THIN 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.

6. MOUNTING (OPTIONAL)

6.
MOUNTING
[blank]

Default [blank] - Standard Clip

ADJ Adjustable Clip

STANDARD MOUNTING CLIP INCLUDED UNLESS OTHERWISE SPECIFIED



0.75" W x 0.34" H x 0.50" L

ADJUSTABLE MOUNTING CLIP



0.75" W x 1.1" H x 0.67" L

7-9. POWER FEED (OPTIONAL)

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

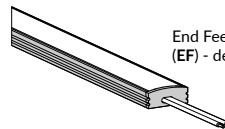
Default [blank] - 48" hard wire end feed (PWR48EF)

PWR Hard wire
MBC* Male barrel
FBC* Female barrel

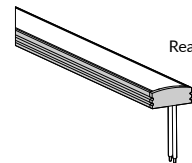
Enter desired wire length in inches.

EF End Feed
RF Rear Feed

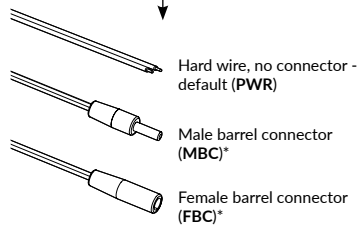
STANDARD 48" HARD WIRE END FEED INCLUDED UNLESS OTHERWISE SPECIFIED



End Feed (EF) - default

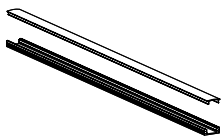


Rear Feed (RF)

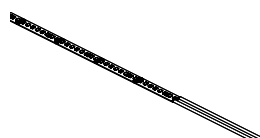


*Barrel connectors not compatible with RGB, RGB(W), or Tunable White tapelights.

WHAT'S INCLUDED



EXTRUSION WITH LENS



LED TAPELIGHT WITH POWER FEED



ENDCAPS



MOUNTING CLIPS

THIN EXTRUSION + LED TAPELIGHT

LUMEN OUTPUT MULTIPLIERS (FOR ESTIMATING DELIVERED LUMENS, FROSTED LEN ONLY)

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


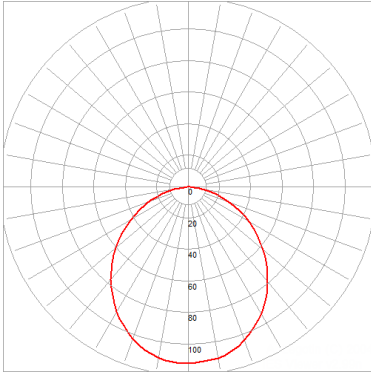
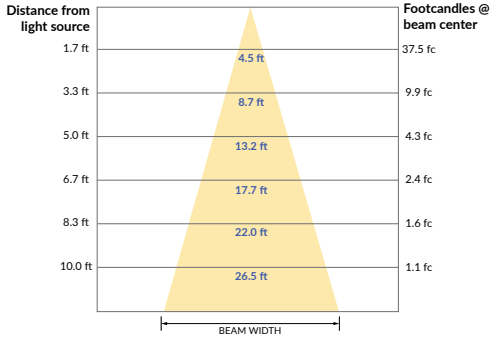
FINISH	LUMEN MULTIPLIER
Silver Anodized	1
Black Anodized	0.9
White Powder Coat	1.1

EXAMPLE: White Powder Coat Extrusion, 2.2W, IP65, 5200K

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

$$193 \text{ lm/ft} \times 1.25 \times 0.9 \times 1.1 = 239 \text{ lm/ft}$$

PHOTOMETRY

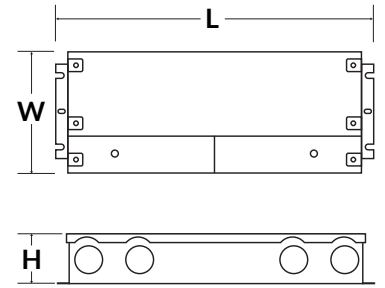
LLI-THN-SF-4.4W-30K-24V*		BEAM SPREAD	POLAR CHART	CONICAL CHART
POWER (W/ft)	4.4W	105° 		ILLUMINANCE AT A DISTANCE 
OUTPUT (lm/ft)	296 lm/ft			
COLOR TEMPERATURE	3000K			
BEAM SPREAD	105°			
EFFICACY (lm/W)	68 lm/W			

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

DIMMABLE ELECTRONIC 0-10V 

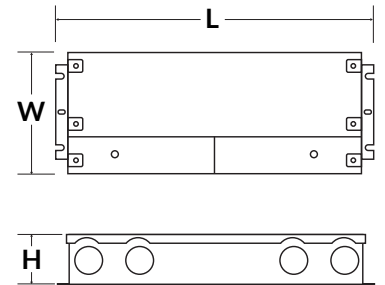
Optimal performance dims to 0%.*

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 

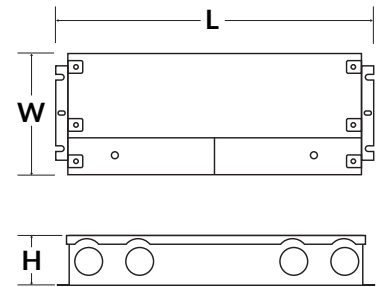
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-NDE-030W-24V-KO	30W	100-277V	24V	CLASS 2	IP66 WET	6.5"	3.5"	1.02"
LLI-PS-NDE-060W-24V-KO	60W	100-277V	24V	CLASS 2	IP66 WET	7.4"	3.5"	1.2"
LLI-PS-NDE-096W-24V-KO	96W	100-277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-NDE-192W-24V-CL2-KO	2x96W	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"




UNIVERSAL DIMMABLE ELECTRONIC FLICKER-FREE 

Optimal performance dims to 0-2%.

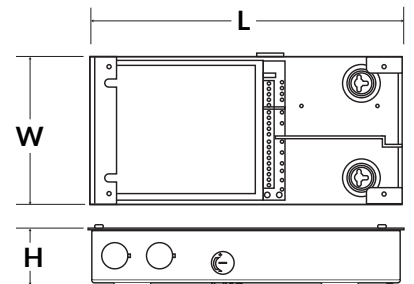
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-UDIMM-030W-24V-KO	30W	110-277V	24V	CLASS 2	IP66 WET	6.5"	3.7"	1.6"
LLI-PS-UDIMM-060W-24V-KO	60W	110-277V	24V	CLASS 2	IP66 WET	7.4"	3.7"	1.6"
LLI-PS-UDIMM-096W-24V-KO	96W	110-277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.6"
LLI-PS-UDIMM-192W-24V-CL2-KO	2x96W	110-277V	24V	CLASS 2	IP66 WET	10.9"	4.3"	1.8"
LLI-PS-UDIMM-200W-24V-KO	200W	110-277V	24V	CLASS 1	IP66 WET	10.2"	4.1"	1.8"
LLI-PS-UDIMM-288W-24V-CL2-KO	3x96W	110-277V	24V	CLASS 2	IP66 WET	11.8"	4.3"	1.8"
LLI-PS-UDIMM-300W-24V-KO	300W	110-277V	24V	CLASS 1	IP66 WET	10.9"	4.3"	1.8"



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.

