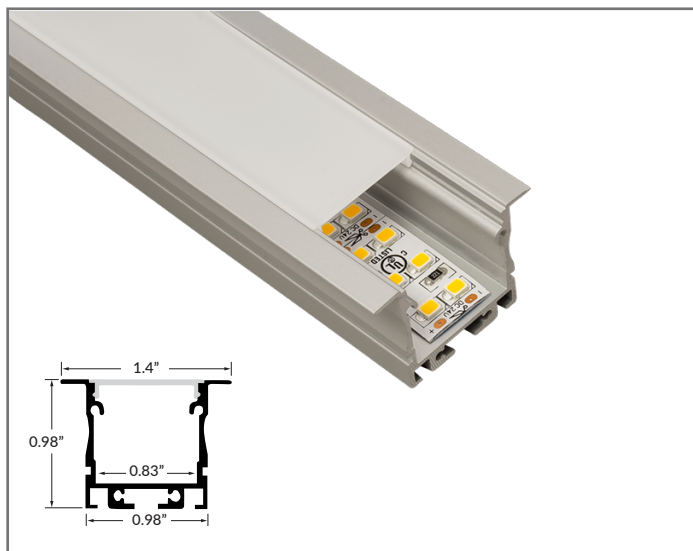


ELITE FLANGED EXTRUSION + LED TAPELIGHT



5 YEAR
LIMITED
WARRANTY



ASSEMBLED IN THE
USA

SPECIFICATIONS

FINISH	Silver Anodized
LENS	Frosted
WATTAGE	0.75W/ft to 8.8W/ft
IP RATING	IP20, IP65, IP68 - rating applies to tapelight, see page 2 for details
CCT / COLOR	2200K - 5200K; RGB; RGBW; tunable white; warm fade
BEAM SPREAD	114° 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	36 to 367 lm/ft
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, IP65/67/68 - 3 year limited

FEATURES & RECOMMENDED APPLICATIONS

Recessed-mount extrusion with a deep profile and flat frosted lens that eliminates diode imaging with most LED tapelights. Preassembled 90° corners available, no miter cutting required. Versatile and ideal for general lighting, under cabinet, accents, displays, shelving, and signage.



PRODUCT: LLI-ELF-SF-H5.9W-30K-24V-96IN

ELITE FLANGED EXTRUSION + LED TAPELIGHT

ORDERING GUIDE

← PRODUCT CODE

PROFILE	1a. FINISH	1b. LENS	2. LED	3. IP RATING*	4. CCT / COLOR	INPUT	5. LENGTH
LLI-ELF	S	F	8.8W	65	30K	24V	48IN
	Silver	Frosted	WATTS/FT 0.75-8.8 W/ft	[blank] - IP20 65 - IP65 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.

OPTIONAL CODE →

POWER FEED		
6. MOUNTING	7. LEAD TYPE	8. LEAD LENGTH
[blank]	[blank]	[blank]
Default [blank] - Ships standard with spring clips. Refer to section 6 on the next page if you require alternate mounting.	Default [blank] - 48" hard wire rear feed (PWR48RF) Refer to section 7 on the next page for an alternate power feed configuration.	9. FEED TYPE

Example part number: LLI-ELF-SF-4.4W-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
--	--

2-4. LED TAPELIGHT OPTIONS

2. LED CODE	3. IP RATING*	4. CCT / COLOR	TECHNICAL DATA			
H6.6W	[blank]	30K	WATTAGE	DELIVERED LM/FT @ 30K ^A	FROSTED LENS APPEARANCE**	CRI
For IP20, leave [blank].			MAX. RUN	CUT POINTS*		
T0.75W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	0.75 W/ft	36 lm/ft	UNIFORM	90+
1.5W (White)	20 / 65* / 68*	22K / 27K / 30K / 35K / 42K / 52K	1.5 W/ft	66 lm/ft	SEMI-UNIFORM	90+
T1.5W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	1.5 W/ft	71 lm/ft	UNIFORM	90+
2.2W (White)	20 / 65* / 68*	22K / 27K / 30K / 35K / 42K / 52K	2.2 W/ft	88 lm/ft	SEMI-UNIFORM	90+
2.5W (White)	20 / 65 / 68	22K / 24K / 27K / 30K / 35K / 42K / 52K	2.5 W/ft	87 lm/ft	UNIFORM	90+
T2.5W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	2.5 W/ft	94 lm/ft	UNIFORM	90+
3.5W (White)	20 / 65 / 68	22K / 27K / 30K / 35K / 42K / 52K	3.5 W/ft	111 lm/ft	UNIFORM	90+
♦ WF3.5W (Warm Fade)	20 / 65 / 68	27D (18-27K) / 30D (18-30K)	3.5 W/ft	125 lm/ft	UNIFORM	90+
♦ TW2.3W (Tunable White)	20 / 65 / 68	1835 (18-35K) / 2235 (22-35K) / 2752 (27-52K)	2.3 W/ft	129 lm/ft	UNIFORM	90+
★ 4.4W (White)	20 / 65 / 68	22K / 24K / 27K / 30K / 35K / 42K / 52K	4.4 W/ft	135 lm/ft	UNIFORM	90+
★ H3.5W (White)	20 / 65 / 68	22K / 27K / 30K / 35K / 42K / 52K	3.5 W/ft	167 lm/ft	UNIFORM	90+
T5.0W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	5.0 W/ft	181 lm/ft	UNIFORM	90+
H4.0W (White)	20 / 65 / 68	22K / 27K / 30K / 35K / 42K / 52K	4.0 W/ft	186 lm/ft	UNIFORM	90+
R5.4W (White, High R9)	20 / 65 / 68	22K / 27K / 30K / 35K / 42K / 52K	5.4 W/ft	216 lm/ft	UNIFORM	95+
★ H4.4W (White)	20 / 65 / 68	22K / 24K / 27K / 30K / 35K / 42K / 52K	4.4 W/ft	216 lm/ft	UNIFORM	90+
★ TW5.3W (Tunable White)	20 / 65 / 68	1835 (18-35K) / 2235 (22-35K) / 2752 (27-52K)	5.3 W/ft	225 lm/ft	UNIFORM	90+
8.8W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	8.8 W/ft	236 lm/ft	UNIFORM	90+
★ H6.6W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	6.6 W/ft	304 lm/ft	UNIFORM	90+
H5.3W (White)	20 / 68	27K / 30K / 35K / 42K / 52K	5.3 W/ft	314 lm/ft	UNIFORM	90+
★ HO5.9W (White)	20 / 68	27K / 30K / 35K / 42K / 52K	5.9 W/ft	367 lm/ft	UNIFORM	90+
C2.2W (Static Color)	20 / 65 / 68	RED / AMB / GRN / BLU	2.2 W/ft	N/A	SEMI-UNIFORM	—
C4.4W (Static Color)	20 / 65 / 68	RED / AMB / GRN / BLU	4.4 W/ft	N/A	UNIFORM	—
CC4.4W (RGB)	20 / 65 / 68	RGB	4.4 W/ft	49 lm/ft	SEMI-UNIFORM	—
TC4.4W (RGB)	20 / 65	RGB	4.4 W/ft	71 lm/ft	UNIFORM	—
★ CC5.9W (RGB)	20 / 65	RGB	5.9 W/ft	131 lm/ft	UNIFORM	—
CW4.4W (RGBW)	20 / 65	R27 (RGB + 27K) / R52	4.4 W/ft	63 lm/ft	SEMI-UNIFORM	80+
CW5.8W (RGBW)	20 / 65	R30 (RGB + 30K) / R60	5.8 W/ft	118 lm/ft	SEMI-UNIFORM	80+
CW7.0W (RGBW)	20	R30 (RGB + 30K) / R60	7.0 W/ft	137 lm/ft	UNIFORM	90+
★ CW7.6W (RGBW)	20 / 65 / 68	R22 (RGB + 22K) / R27 / R30 / R35 / R42 / R52	7.6 W/ft	145 lm/ft	UNIFORM	90+
★ CW8.8W (RGBW)	20 / 65	R27 (RGB + 27K) / R30 / R35 / R42 / R52	8.8 W/ft	246 lm/ft	SEMI-UNIFORM	90+

* 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.

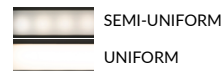
* Lumen data based on frosted lens, IP20 tapelight, 30K white output, or combined output for tunable white, warm fade, RGB, and RGB(W) tapelights.

* 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.

 IP68, solid silicone - Wet Location - Full protection against water ingress for most applications. Limited protection from water ingress in submerged applications.



ELITE FLANGED 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.

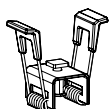
6. MOUNTING (OPTIONAL)

6.
MOUNTING

[blank]

Default [blank] - Spring Clip

SPRING MOUNTING CLIP INCLUDED
UNLESS OTHERWISE SPECIFIED



1.0"L x 1.2" W x 1.7" H

7-9. 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

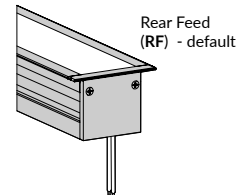
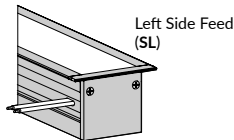
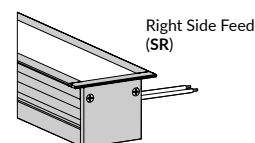
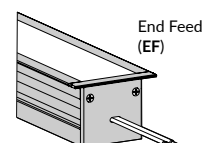
Hard wire, no connector -
default (**PWR**)

Male barrel connector
(**MBC**)*

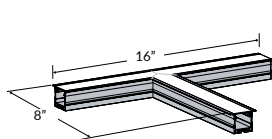
Female barrel connector
(**FBC**)*

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

STANDARD 48" HARD WIRE REAR FEED INCLUDED
UNLESS OTHERWISE SPECIFIED

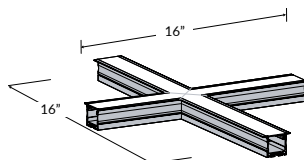


FACTORY ASSEMBLED CORNERS (NO MITER CUTS REQUIRED. SCREWS AND JOINER BARS INCLUDED.)



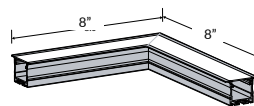
T CORNER

LLI-XR-ELF-SF-TEE-8IN



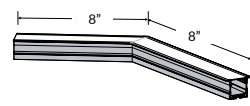
X CORNER

LLI-XR-ELF-SF-CROSS-8IN



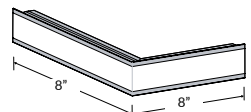
90° FLAT CORNER

LLI-XR-ELF-SF-90D-FLT-8IN



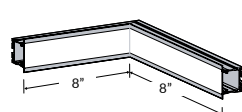
135° FLAT CORNER

LLI-XR-ELF-SF-135D-8IN



90° OUTSIDE CORNER

LLI-XR-ELF-SF-90D-OUT-8IN



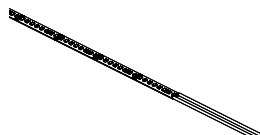
90° INSIDE CORNER

LLI-XR-ELF-SF-90D-INS-8IN

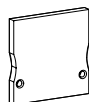
WHAT'S INCLUDED



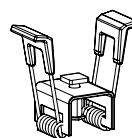
EXTRUSION WITH LENS



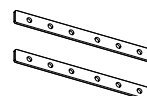
LED TAPELIGHT WITH
POWER FEED



ENDCAPS



MOUNTING CLIP



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

ELITE FLANGED 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

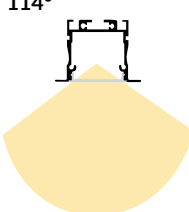
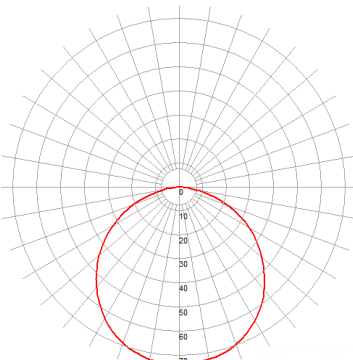
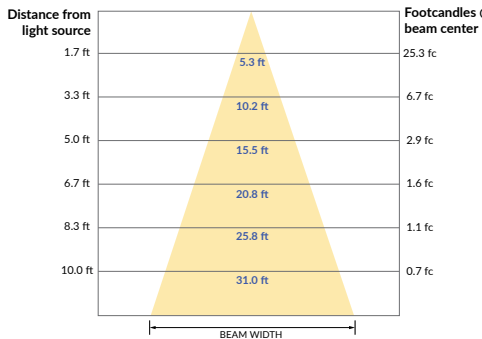
IP RATING	LUMEN MULTIPLIER
IP20	1
IP65	0.9
IP68	0.9

EXAMPLE: Extrusion with 8.8W, IP65, 5200K

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

236 lm/ft	x	1.25	x	0.9	=	265 lm/ft
-----------	---	------	---	-----	---	-----------

PHOTOMETRY

LLI-ELF-SF-H4.4W-30K-24V*		BEAM SPREAD	POLAR CHART	CONICAL CHART
POWER (W/ft)	4.4W	114° 		ILLUMINANCE AT A DISTANCE 
OUTPUT (lm/ft)	304 lm/ft			
COLOR TEMPERATURE	3000K			
BEAM SPREAD	114°			
EFFICACY (lm/W)	69 lm/W			

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

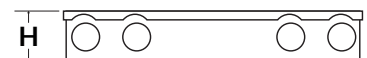
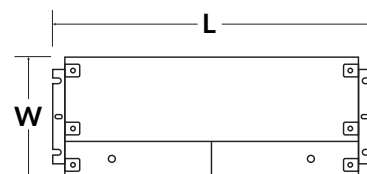
POWER SUPPLIES SOLD SEPARATELY

DIMMABLE ELECTRONIC 0-10V

Optimal performance dims to 0%.*



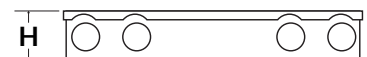
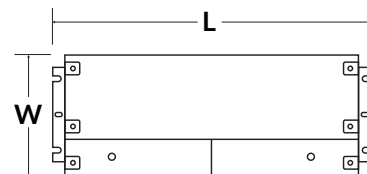
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DE010-030W-24V-KO	30W	120V or 277V	24V	CLASS 2	IP66 WET	6.5"	3.6"	1.6"
LLI-PS-DE010-060W-24V-KO	60W	120V or 277V	24V	CLASS 2	IP66 WET	7.4"	3.6"	1.6"
LLI-PS-DE010-096W-24V-KO	96W	120V or 277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-DE010-192W-24V-CL2-KO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

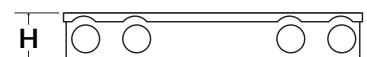
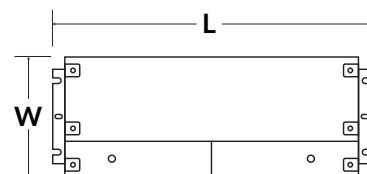


DIMMABLE ELECTRONIC FLICKER-FREE

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"

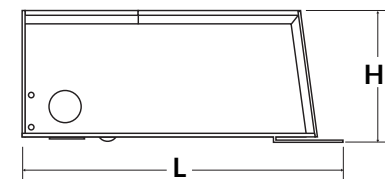
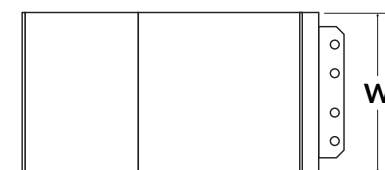


DIMMABLE MAGNETIC

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"

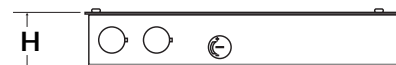
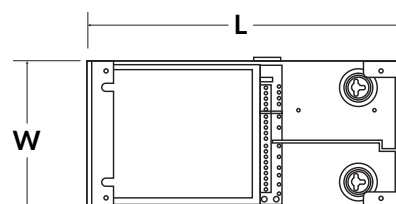


LUTRON HI-LUME PREMIER 0.1% DIMMABLE ELECTRONIC

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)
