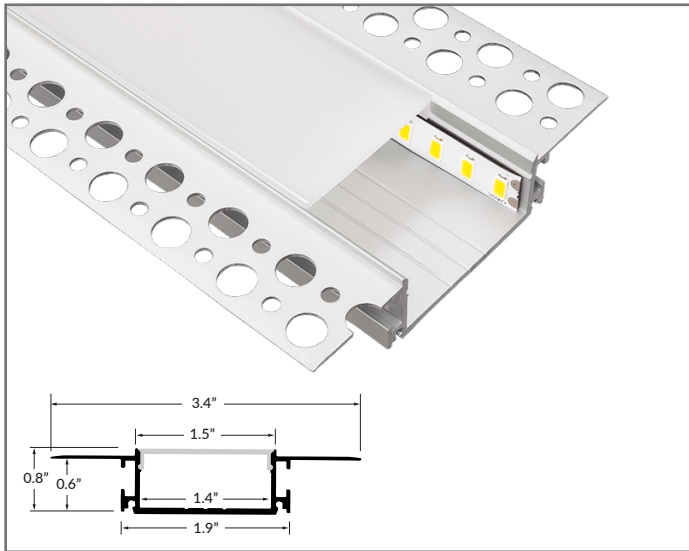


SEAMLESS 1.5 EXTRUSION + LED TAPELIGHT



5 YEAR
LIMITED
WARRANTY



ASSEMBLED IN THE
USA

SPECIFICATIONS

FINISH	Silver Anodized
LENS	Frosted
WATTAGE	4.4W/ft to 11.8W/ft
IP RATING	IP20, IP65 - rating applies to tapelight, see page 2 for details
CCT / COLOR	2200K - 5200K; RGB; tunable white; warm fade
BEAM SPREAD	110° 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	220 to 822 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 page 5
WARRANTY	IP20 - 5 year limited, IP65 - 3 year limited

FEATURES & RECOMMENDED APPLICATIONS

Mud-in extrusion with a 1.5" lens that enables lines of light to be built into drywall ceilings and walls. Versatile and ideal for general lighting, accents, displays, and signage.



PRODUCT: LLI-SM1.5-SF-DH8.8W-35K-24V-96IN

SEAMLESS 1.5 EXTRUSION + LED TAPELIGHT

ORDERING GUIDE

← PRODUCT CODE

PROFILE		1a. FINISH	1b. LENS	2. LED	3. IP RATING*	4. CCT / COLOR	INPUT	5. LENGTH		OPTIONAL →
LLI-SM1.5		S	F	DH8.8W	65	30K	24V	48IN		POWER FEED
		Silver	Frosted	WATTS/FT 4.4-11.8 W/ft	[blank] - IP20 65 - IP65	22K-52K Warm Fade Tunable White Static Color RGB				6. LEAD TYPE
								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.		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-SM1.5-SF-DH8.8W-65-35K-24V-48IN

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

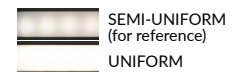
1. FINISH & LENS

<p>1a. FINISH</p> <div style="border: 1px solid black; padding: 2px; width: 40px; margin: 0 auto;">S</div> <p>S Silver Anodized finish</p>	<p>1b. LENS</p> <div style="border: 1px solid black; padding: 2px; width: 40px; margin: 0 auto;">F</div> <p>F Frosted lens</p>
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2-4. LED TAPELIGHT OPTIONS

	2. LED CODE	3. IP RATING*	4. CCT / COLOR	TECHNICAL DATA						
	DH8.8W	[blank]	30K	WATTAGE	TAPELIGHT	DELIVERED LM/FT @ 30K [^]	FROSTED LENS APPEARANCE**	CRI	MAX. RUN	CUT POINTS*
	For IP20, leave [blank].									
	D5.0W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	5.0 W/ft	(2) sidewall L2.5W	220 lm/ft	UNIFORM	90+	32 ft	2"
♦	DF7.0W (Warm Fade)	20	27D (18-27K) / 30D (18-30K)	7.0 W/ft	(2) sidewall LWF3.5W	316 lm/ft	UNIFORM	90+	16 ft	2.5"
	DTW5.4W (Tunable White)	20 / 65	1835 (18-35K) / 2235 (22-35K) / 2752 (27-52K)	5.4 W/ft	(2) sidewall LTW2.7W	327 lm/ft	UNIFORM	90+	26 ft	3.3"
	D8.8W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	8.8 W/ft	(2) sidewall L4.4W	342 lm/ft	UNIFORM	90+	32 ft	2"
★	DH7.0W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	7.0 W/ft	(2) sidewall LHE3.5W	424 lm/ft	UNIFORM	90+	32 ft	2.5"
★	DH8.8W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	8.8 W/ft	(2) sidewall LHE4.4W	547 lm/ft	UNIFORM	90+	32 ft	2"
	H11.8W (White)	20 / 65	27K / 30K / 35K / 42K / 52K	11.8 W/ft	(1) LHE11.8W	822 lm/ft	UNIFORM	90+	16 ft	0.7"
	DC8.8W (Static Color)	20 / 65	RED / AMB / GRN / BLU	8.8 W/ft	(2) sidewall LC4.4W	N/A	UNIFORM	—	32 ft	2"
	TC4.4W (RGB)	20 / 65	RGB	4.4 W/ft	(1) sidewall LTPCC4.4W	N/A	UNIFORM	—	16 ft	2"

- ♦ Warm Fade tapelight requires a UDEFF 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 llighting.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.

SEAMLESS 1.5 EXTRUSION + LED TAPELIGHT

ORDERING GUIDE (CONTINUED)

6-8. POWER FEED (optional)

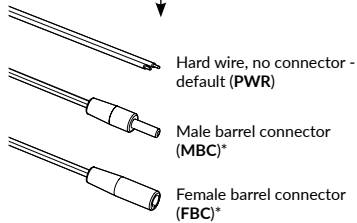
7. LEAD TYPE	8. LEAD LENGTH	9. FEED TYPE
[blank]	[blank]	[blank]

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

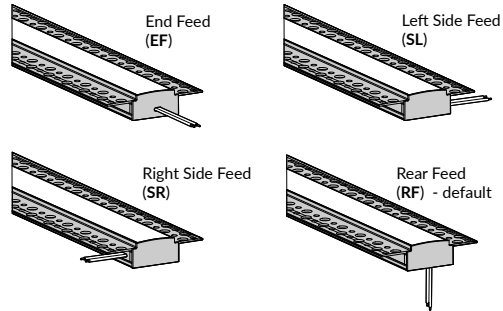
PWR Hard wire
MBC* Male barrel
FBC* Female barrel

Enter desired wire length in inches.

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

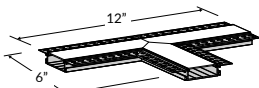


STANDARD 48" HARD WIRE REAR FEED INCLUDED UNLESS OTHERWISE SPECIFIED



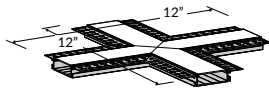
*Barrel connectors not compatible with RGB, RGB(W), or Tunable White tapelights.

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



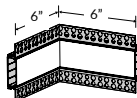
T CORNER

LLI-XR-SM1.5-SF-TEE-12IN



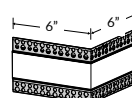
X CORNER

LLI-XR-SM1.5-SF-CROSS-12IN



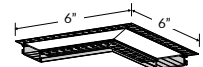
90° INSIDE CORNER

LLI-XR-SM1.5-SF-90D-INS-6IN



90° OUTSIDE CORNER

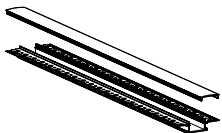
LLI-XR-SM1.5-SF-90D-OUT-6IN



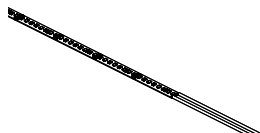
90° FLAT CORNER

LLI-XR-SM1.5-SF-90D-FLT-6IN

WHAT'S INCLUDED



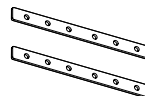
EXTRUSION WITH LENS



LED TAPELIGHT WITH POWER FEED



ENDCAPS



JOINER BARS

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

SEAMLESS 1.5 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

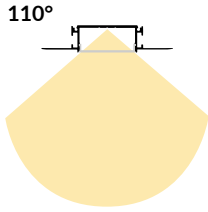
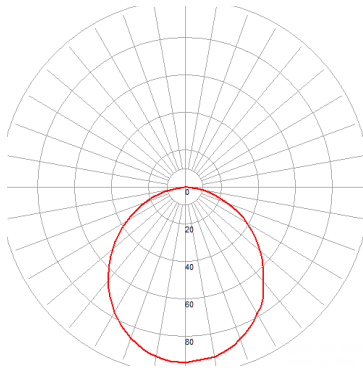
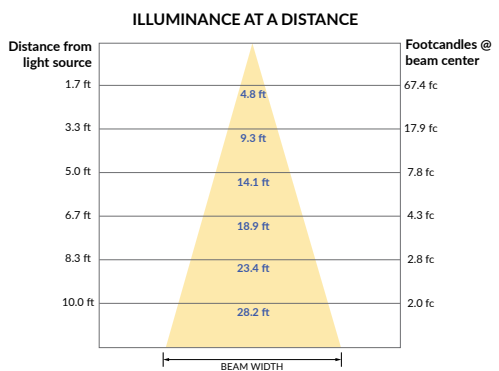
IP RATING	LUMEN MULTIPLIER
IP20	1
IP65	0.9

EXAMPLE: Extrusion with D5.0W, IP65, 5200K

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

$$220 \text{ lm/ft} \times 1.25 \times 0.9 = 247 \text{ lm/ft}$$

PHOTOMETRY

LLI-SM1.5-SF-DH8.8W-30K-24V*		BEAM SPREAD	POLAR CHART	CONICAL CHART
POWER (W/ft)	8.8W			
OUTPUT (lm/ft)	547 lm/ft			
COLOR TEMPERATURE	3000K			
BEAM SPREAD	110°			
EFFICACY (lm/W)	62 lm/W			

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

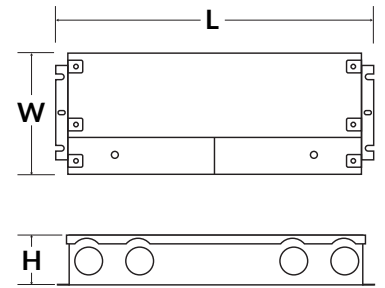
POWER SUPPLIES SOLD SEPARATELY

DIMMABLE ELECTRONIC 0-10V

Optimal performance dims to 0%.*



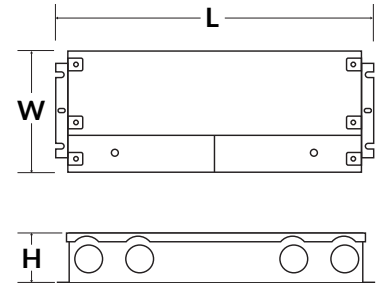
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DE010-030W-24V-KO	30W	120V or 277V	24V	CLASS 2	IP66 WET	6.5"	3.6"	1.6"
LLI-PS-DE010-060W-24V-KO	60W	120V or 277V	24V	CLASS 2	IP66 WET	7.4"	3.6"	1.6"
LLI-PS-DE010-096W-24V-KO	96W	120V or 277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-DE010-200W-24V-KO	200W	120V or 277V	24V	CLASS 1	IP66 WET	10.2"	4.1"	1.8"
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-200W-24V-KO	200W	100-277V	24V	CLASS 1	IP66 WET	10.3"	4.1"	1.8"
LLI-PS-NDE-300W-24V-KO	300W	100-277V	24V	CLASS 1	IP66 WET	10.9"	4.3"	1.8"

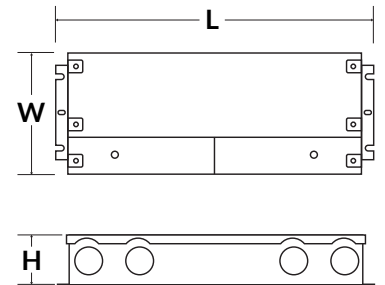


DIMMABLE ELECTRONIC FLICKER-FREE

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-200W-24V-KO	200W	110-277V	24V	CLASS 1	IP66 WET	10.2"	4.1"	1.8"
LLI-PS-UDEFF-300W-24V-KO	300W	110-277V	24V	CLASS 1	IP66 WET	11.0"	4.3"	1.8"

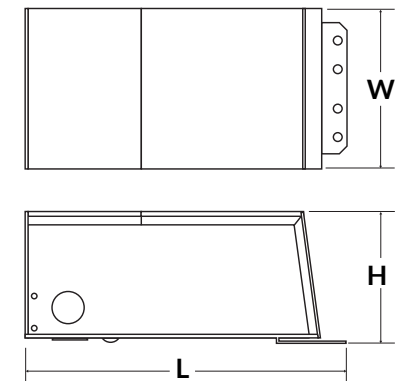


DIMMABLE MAGNETIC

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"

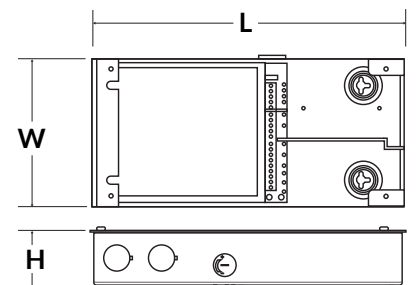


LUTRON HI-LUME PREMIER 0.1% DIMMABLE ELECTRONIC

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.

