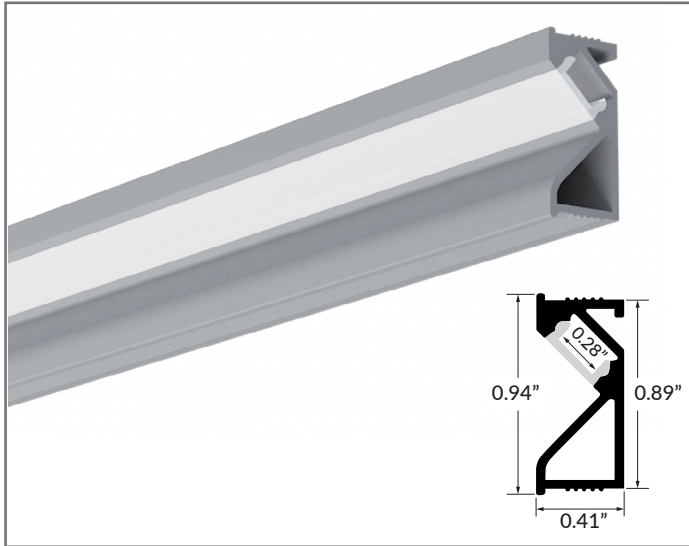


# RECESSED ANGLED EXTRUSION + LED TAPELIGHT



## SPECIFICATIONS

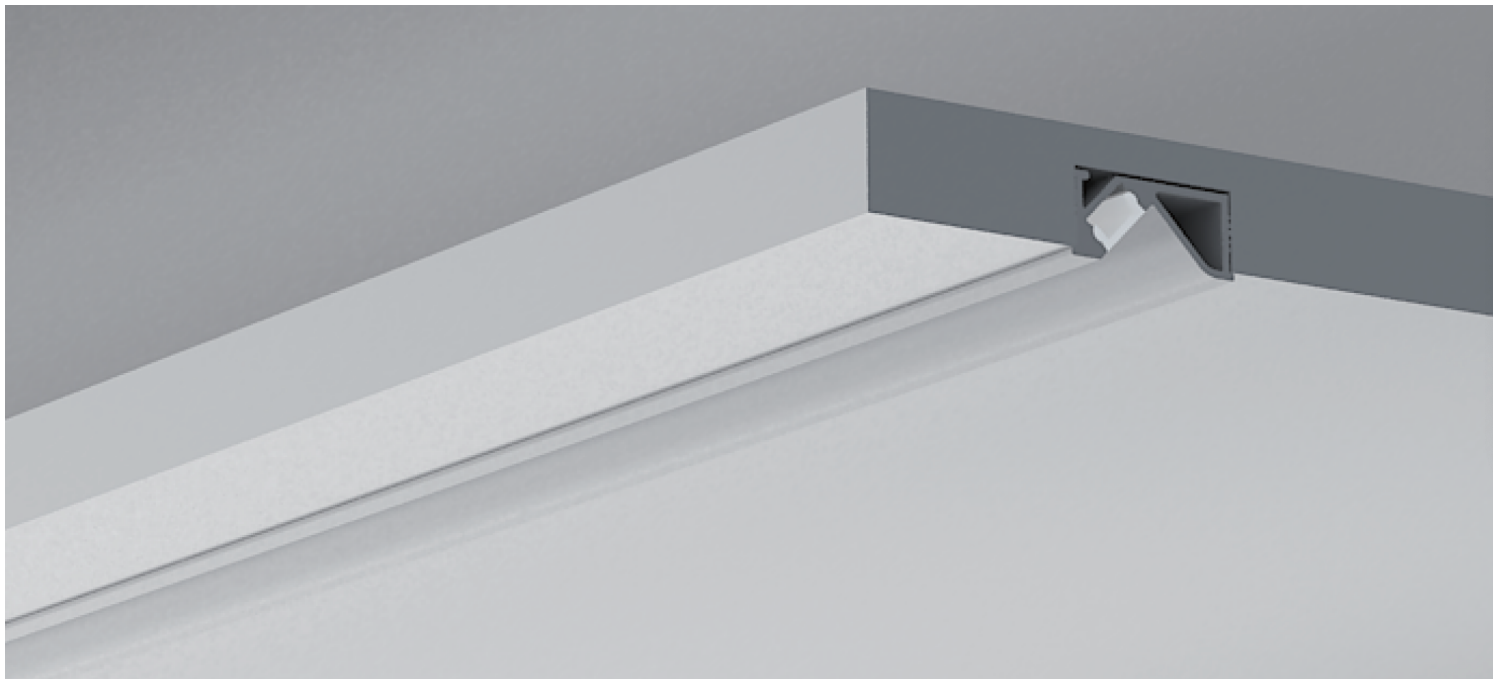
FINISH	Silver Anodized
LENS	Frosted
WATTAGE	3.0W/ft to 4.0W/ft
IP RATING	IP20 dry
CCT / COLOR	2700K - 5200K
BEAM SPREAD	N/A
INPUT VOLTAGE	24VDC
LENGTH	Made to order. Actual lengths vary by LED tapelight cut points. Maximum assembled length is 94in. Lengths over 94in are made with multiple sections, shipped unassembled.
OUTPUT	182 to 205 lm/ft
LEDS	Single binned LEDs +/- 30-70 CCT, MacAdam 3 SDCM
MATERIAL	Extrusion - Anodized aluminum; Lens - Polycarbonate
MOUNTING	Press fit into routed groove
POWER SUPPLY	Requires a 24V power supply - see page 5
WARRANTY	IP20 - 5 year limited

5 YEAR  
LIMITED  
WARRANTY



## FEATURES & RECOMMENDED APPLICATIONS

The extrusion is designed for a press fit into a routed groove. Discreet and ideal for shelf lighting, retail, and under cabinet applications.



PRODUCT: LLI-RAN-SF-3.0W-30K-24V-48IN

# RECESSED ANGLED EXTRUSION + LED TAPELIGHT

## ORDERING GUIDE

← PRODUCT CODE

PROFILE	1a. FINISH	1b. LENS	2. LED	3. IP RATING	4. CCT / COLOR	INPUT	5. LENGTH
LLI-RAN	S	F	3.0W	[blank]	30K	24V	48IN
	Silver	Frosted	WATTS/FT 3.0-4.0 W/ft	[blank] - IP20	22K-52K		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 product code: LLI-RAN-SF-3.0W-35K-24V-48IN

OPTIONAL →

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

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

Refer to section 6 for an alternate power feed configuration.

More LED tapelight and color options available upon request. Visit [www.llilighting.com](http://www.llilighting.com) or contact us for details.

### 1. FINISH & LENS

1a. FINISH	1b. LENS
S	F
S Silver Anodized finish	F Frosted lens

### 2-4. LED TAPELIGHT OPTIONS

2. LED CODE	3. IP RATING	4. CCT / COLOR
3.0W	[blank]	30K

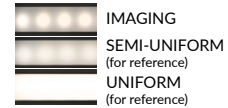
For IP20, leave [blank].

#### TECHNICAL DATA

WATTAGE	DELIVERED LM/FT @ 30K <sup>^</sup>	FROSTED LENS APPEARANCE**	CRI	MAX. RUN	CUT POINTS*
3.0W (White)	20	27K / 30K / 35K / 42K / 52K	90+	16 ft	1.5"
4.0W (White)	20	27K / 30K / 35K / 42K / 52K	90+	16 ft	1.5"

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

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



### 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.

### 6-8. POWER FEED (OPTIONAL)

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

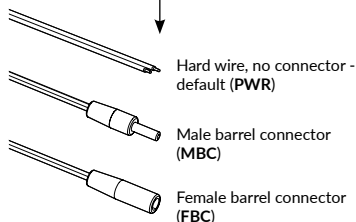
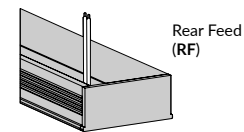
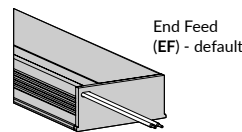
Default [blank] - 48" hard wire end feed (PWR48EF)

PWR Hard wire  
MBC Male barrel  
FBC Female barrel

Enter desired wire length in inches.

EF End Feed  
RF Rear Feed

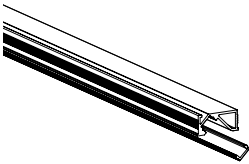
STANDARD 48" HARD WIRE END FEED INCLUDED UNLESS OTHERWISE SPECIFIED



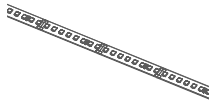
# RECESSED ANGLED EXTRUSION + LED TAPELIGHT

## WHAT'S INCLUDED

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EXTRUSION WITH LENS



LED TAPELIGHT



ENDCAPS

## LUMEN OUTPUT MULTIPLIERS (FOR ESTIMATING DELIVERED LUMENS)

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

**EXAMPLE: Extrusion with 3.0W, 5200K**

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

135 lm/ft	x	1.25	=	169 lm/ft
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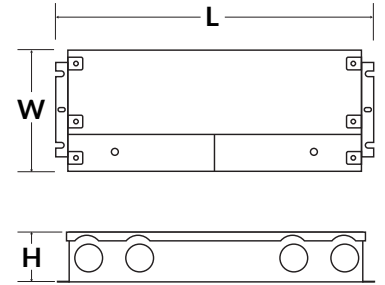
**POWER SUPPLIES** SOLD SEPARATELY

**DIMMABLE ELECTRONIC 0-10V**



Optimal performance dims to 0%.\*

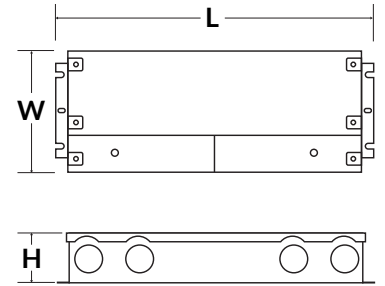
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DE010-030W-24V-KO	30W	120V or 277V	24V	CLASS 2	IP66 WET	6.5"	3.6"	1.6"
LLI-PS-DE010-060W-24V-KO	60W	120V or 277V	24V	CLASS 2	IP66 WET	7.4"	3.6"	1.6"
LLI-PS-DE010-096W-24V-KO	96W	120V or 277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-DE010-192W-24V-CL2-KO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

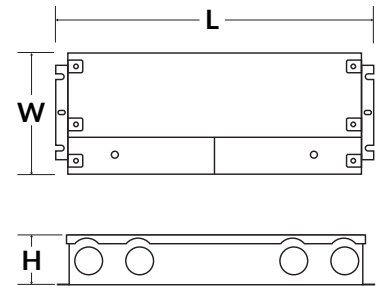


**DIMMABLE ELECTRONIC FLICKER-FREE**



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"

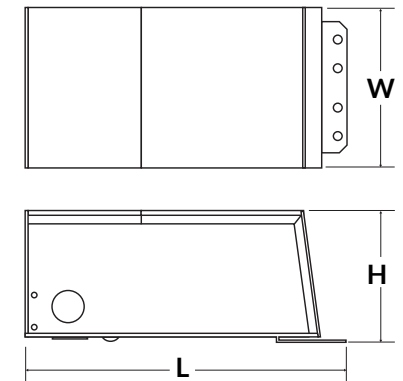


**DIMMABLE MAGNETIC**



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"

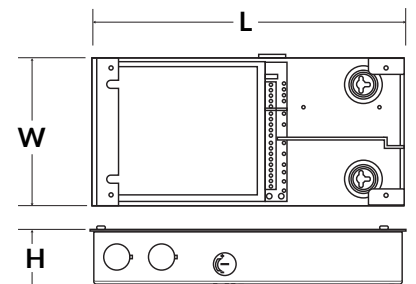


**LUTRON HI-LUME PREMIER 0.1% DIMMABLE ELECTRONIC**



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.