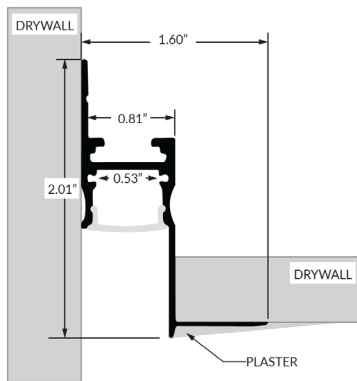


# SEAMLESS BORDER EXTRUSION + LED TAPELIGHT



## SPECIFICATIONS

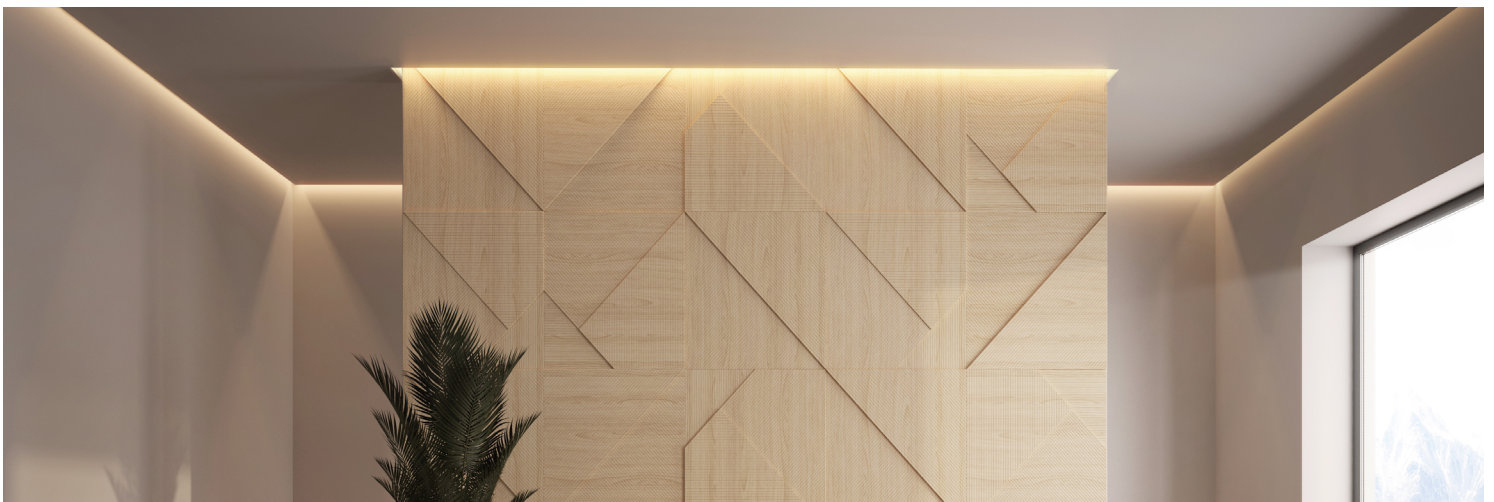
FINISH	White Powder Coat
LENS	Frosted
WATTAGE	1.5W/ft to 7.6W/ft
IP RATING	IP20, IP65 - rating applies to tapelight, see page 2 for details
CCT / COLOR	2200K - 5200K; RGB; RGBW; tunable white; warm fade
BEAM SPREAD	N/A
INPUT VOLTAGE	24VDC
LENGTH	Made to order. Actual lengths vary by LED tapelight cut points. Maximum assembled length is 94in. Lengths over 94in are made with multiple sections, shipped unassembled.
OUTPUT	101 to 564 lm/ft
LEDS	Single binned LEDs +/- 30-70 CCT, MacAdam 3 SDCM
MATERIAL	Extrusion - Anodized aluminum; Lens - Polycarbonate
MOUNTING	Mounting screws and plaster recommended (not included)
POWER SUPPLY	Requires a 24V power supply - see page 5
WARRANTY	IP20 - 5 year limited, IP65 - 3 year limited

5 YEAR  
LIMITED  
WARRANTY



## FEATURES & RECOMMENDED APPLICATIONS

Recessed extrusion designed for the intersection of a wall and ceiling. Ideal for ceiling borders in minimalist or contemporary interiors.



PRODUCT: LLI-SBD-WF-H4.4W-30K-24V-48IN

# SEAMLESS BORDER EXTRUSION + LED TAPELIGHT

## ORDERING GUIDE

← PRODUCT CODE

PROFILE	1a. FINISH	1b. LENS	2. LED CODE	3. IP RATING*	4. CCT / COLOR	5. INPUT	5. LENGTH
LLI-SBD	W	F	2.2W	65	30K	24V	48IN
	White	Frosted	WATTS/FT 1.5-7.6 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.

Example product code: LLI-SBD-SF-4.4W-65-35K-24V-48IN

OPTIONAL CODE →

POWER FEED		
6. LEAD TYPE	7. LEAD LENGTH	8. FEED TYPE
[blank]		
Default [blank] - 48" hard wire rear feed (PWR48RF)		

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

### 1. FINISH & LENS

<p>1a. FINISH</p> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">W</div>	<p>1b. LENS</p> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">F</div>
W White Powder Coat finish	F Frosted lens

### 2-4. LED TAPELIGHT OPTIONS

2. LED CODE	3. IP RATING*	4. CCT / COLOR
H4.4W	[blank]	30K
For IP20, leave [blank].		

#### TECHNICAL DATA

	WATTAGE	DELIVERED LM/FT @ 30K <sup>^</sup>	FROSTED LENS APPEARANCE**	CRI	MAX. RUN	CUT POINTS*
1.5W (White)	1.5 W/ft	101 lm/ft	SEMI-UNIFORM	90+	60 ft*	3.9"
T1.5W (White)	1.5 W/ft	110 lm/ft	UNIFORM	90+	26 ft	1"
2.2W (White)	2.2 W/ft	135 lm/ft	SEMI-UNIFORM	90+	60 ft*	3.9"
★ 2.5W (White)	2.5 W/ft	134 lm/ft	UNIFORM	90+	32 ft	2"
T2.5W (White)	2.5 W/ft	144 lm/ft	UNIFORM	90+	20 ft	1"
3.5W (White)	3.5 W/ft	170 lm/ft	SEMI-UNIFORM	90+	40 ft	2.5"
◆ WF3.5W (Warm Fade)	3.5 W/ft	192 lm/ft	SEMI-UNIFORM	90+	16 ft	2.5"
TW2.7W (Tunable White)	2.7 W/ft	198 lm/ft	SEMI-UNIFORM	90+	26 ft	3.3"
★ 4.4W (White)	4.4 W/ft	207 lm/ft	UNIFORM	90+	32 ft	2"
H3.5W (White)	3.5 W/ft	257 lm/ft	UNIFORM	90+	16 ft	2.5"
T5.0W (White)	5.0 W/ft	278 lm/ft	UNIFORM	90+	13 ft	1"
★ H4.4W (White)	4.4 W/ft	331 lm/ft	UNIFORM	90+	32 ft	2"
★ R5.4W (White, High R9)	5.4 W/ft	331 lm/ft	UNIFORM	95+	16 ft	1"
TW5.3W (Tunable White)	5.3 W/ft	346 lm/ft	SEMI-UNIFORM	90+	16 ft	3.3"
H5.9W (White)	5.9 W/ft	485 lm/ft	UNIFORM	90+	32 ft	2.8"
★ T5.9W (White)	5.9 W/ft	564 lm/ft	UNIFORM	90+	20 ft	2"
C2.2W (Static Color)	2.2 W/ft	N/A	SEMI-UNIFORM	—	60 ft	3.9"
C4.4W (Static Color)	4.4 W/ft	N/A	UNIFORM	—	32 ft	2"
CC4.4W (RGB)	4.4 W/ft	75 lm/ft	SEMI-UNIFORM	—	32 ft	3.9"
TC4.4W (RGB)	4.4 W/ft	109 lm/ft	UNIFORM	—	16 ft	2"
★ CC5.9W (RGB)	5.9 W/ft	202 lm/ft	UNIFORM	—	32 ft	2.8"
CW5.8W (RGBW)	5.8 W/ft	182 lm/ft	SEMI-UNIFORM	80+	32 ft	3.9"
CW7.0W (RGBW)	7.0 W/ft	211 lm/ft	SEMI-UNIFORM	90+	28 ft	2.5"
★ CW7.6W (RGBW)	7.6 W/ft	222 lm/ft	SEMI-UNIFORM	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 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 [llighting.com/resources](http://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.

# SEAMLESS BORDER EXTRUSION + LED TAPELIGHT

## ORDERING GUIDE

### 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]

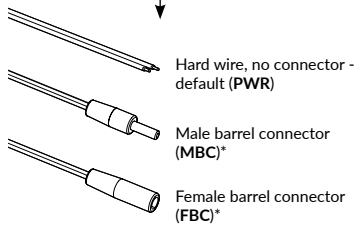
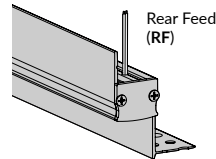
Default [blank] - 48" hard wire rear feed (PWR48RF)

**PWR** Hard wire  
**MBC\*** Male barrel  
**FBC\*** Female barrel

Enter desired wire length in inches.

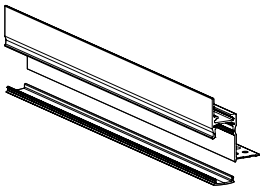
**RF** Rear Feed

STANDARD 48" HARD WIRE REAR FEED INCLUDED UNLESS OTHERWISE SPECIFIED

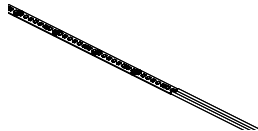


\*Barrel connectors not compatible with RGB, RGB(W), or Tunable White tapelights.

## WHAT'S INCLUDED



EXTRUSION WITH LENS



LED TAPELIGHT WITH POWER FEED



ENDCAPS

# SEAMLESS BORDER EXTRUSION + LED TAPELIGHT

LUMEN OUTPUT MULTIPLIERS (FOR ESTIMATING DELIVERED LUMENS, FROSTED LENS 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

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

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

$$135 \text{ lm/ft} \times 1.25 \times 0.9 = 152 \text{ lm/ft}$$

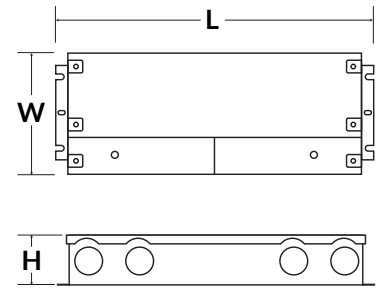
**POWER SUPPLIES** SOLD SEPARATELY

**DIMMABLE ELECTRONIC 0-10V**

Optimal performance dims to 0%.\*



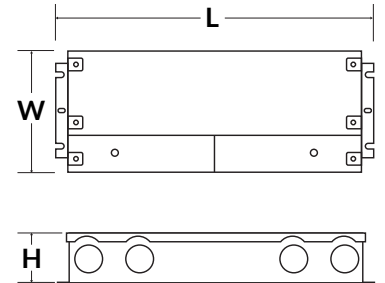
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DE010-030W-24V-KO	30W	120V or 277V	24V	CLASS 2	IP66 WET	6.5"	3.6"	1.6"
LLI-PS-DE010-060W-24V-KO	60W	120V or 277V	24V	CLASS 2	IP66 WET	7.4"	3.6"	1.6"
LLI-PS-DE010-096W-24V-KO	96W	120V or 277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-DE010-200W-24V-KO	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"

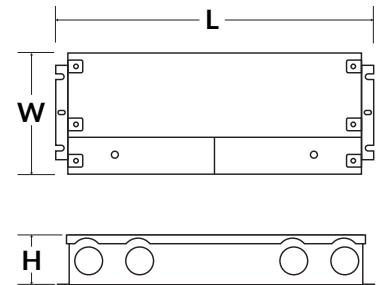


**DIMMABLE ELECTRONIC FLICKER-FREE**

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"

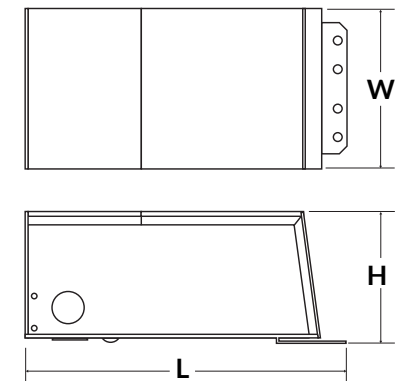


**DIMMABLE MAGNETIC**

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"

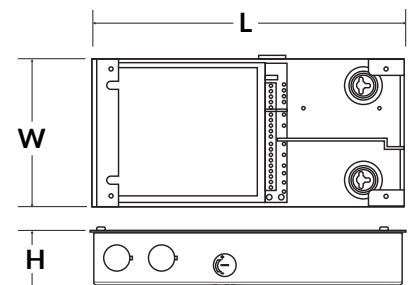


**LUTRON HI-LUME PREMIER 0.1% DIMMABLE ELECTRONIC**

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.

