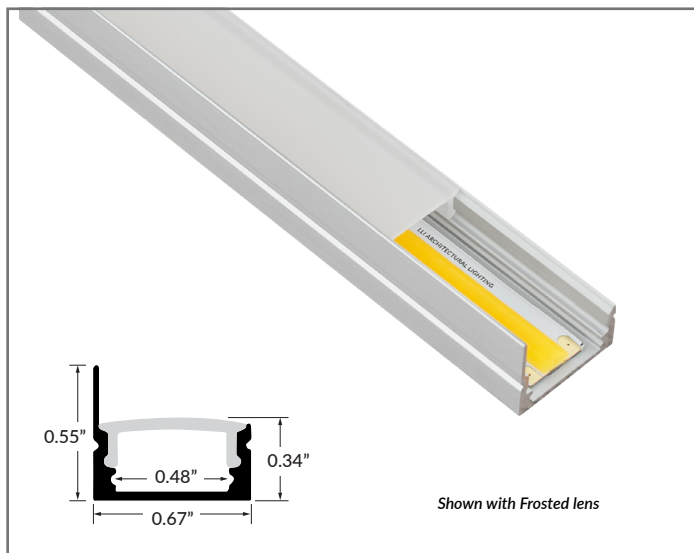


THIN GLARE SHIELD EXTRUSION + LED TAPELIGHT



5 YEAR
LIMITED
WARRANTY



ASSEMBLED IN THE
USA

SPECIFICATIONS

FINISH	Silver Anodized
LENS	Frosted, Clear
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°
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

FEATURES & RECOMMENDED APPLICATIONS

Surface-mount extrusion for sleek lighting with a minimalist profile. Extrusion has a vertical flange to prevent glare. Good for accent, general, under cabinet, displays, shelving, signage.



PRODUCT: LLI-THG-SF-CB4.6W-30K-24V-60IN

THIN GLARE SHIELD EXTRUSION + LED TAPELIGHT

ORDERING GUIDE

← PRODUCT CODE

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

POWER FEED		
6. MOUNTING	7. LEAD TYPE	8. LEAD LENGTH
[blank]	[blank]	[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.llilighting.com or contact us for details.

1. FINISH & LENS

1a.
FINISH

S

S Silver Anodized finish

1b.
LENS

F

F Frosted lens
C Clear lens

2-4. LED TAPELIGHT OPTIONS

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

For IP20, leave [blank].

	WATTAGE	DELIVERED LM/FT @ 30K^	FROSTED LENS APPEARANCE**	CRI	MAX. RUN	CUT POINTS*
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"
★ 2.2W (White)	20 / 65*	22K / 27K / 30K / 35K / 42K / 52K	2.2 W/ft	193 lm/ft	IMAGING	90+ 60 ft* 3.9"
2.5W (White)	20 / 65	22K / 24K / 27K / 30K / 35K / 42K / 52K	2.5 W/ft	191 lm/ft	IMAGING	90+ 32 ft 2"
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"
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	4.6 W/ft	350 lm/ft	UNIFORM	90+ 16 ft 2"
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 UDEFF or 0-10V dimmable power supply.

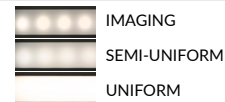
** Diode visibility data tested at 100% output. Diodes may become more visible as tapelight dims.

^ 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.



THIN GLARE SHIELD 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]

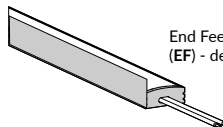
Default [blank] - 48" hard wire end feed (PWR48EF)

PWR Hard wire
MBC* Male barrel
FBC* Female barrel

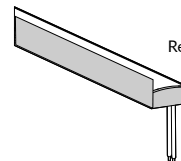
Enter desired wire
length in inches.

EF End Feed
RF Rear Feed

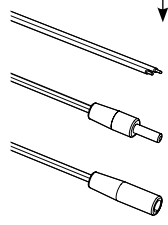
STANDARD 48" HARD WIRE END FEED INCLUDED
UNLESS OTHERWISE SPECIFIED



End Feed
(EF) - default



Rear Feed (RF)



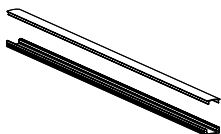
Hard wire, no connector -
default (PWR)

Male barrel connector
(MBC)*

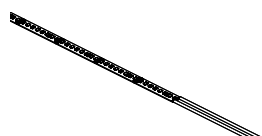
Female barrel connector
(FBC)*

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

WHAT'S INCLUDED



EXTRUSION WITH LENS



LED TAPELIGHT WITH
POWER FEED



ENDCAPS



MOUNTING CLIPS

THIN GLARE SHIELD 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

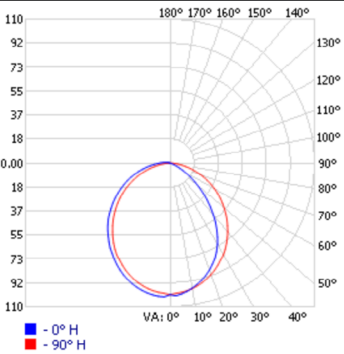
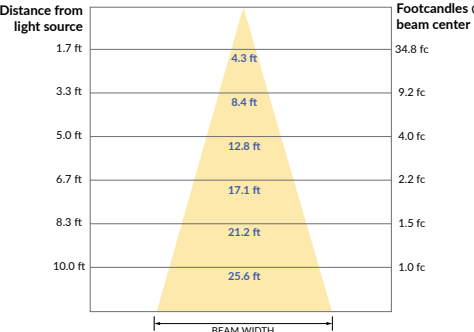
FINISH	LUMEN MULTIPLIER
Silver Anodized	1
Black Anodized	0.9
White Powder Coat	1.1

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-THG-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.

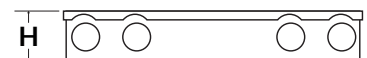
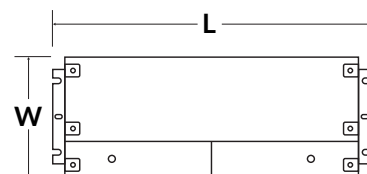
POWER SUPPLIES SOLD SEPARATELY

DIMMABLE ELECTRONIC 0-10V

Optimal performance dims to 0%.*



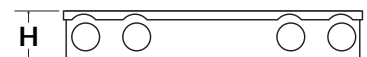
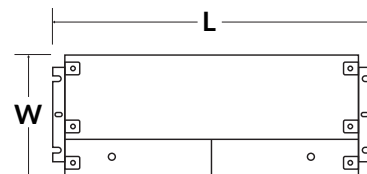
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DE010-030W-24V-KO	30W	120V or 277V	24V	CLASS 2	IP66 WET	6.5"	3.6"	1.6"
LLI-PS-DE010-060W-24V-KO	60W	120V or 277V	24V	CLASS 2	IP66 WET	7.4"	3.6"	1.6"
LLI-PS-DE010-096W-24V-KO	96W	120V or 277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-DE010-192W-24V-CL2-KO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

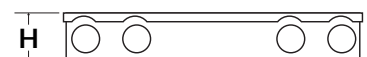
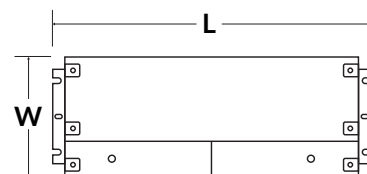


DIMMABLE ELECTRONIC FLICKER-FREE

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"

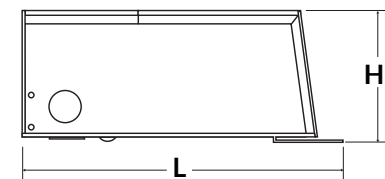
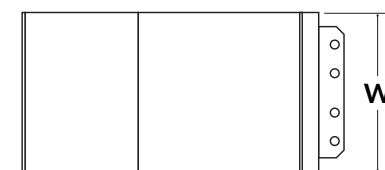


DIMMABLE MAGNETIC

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"

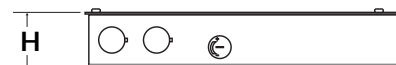
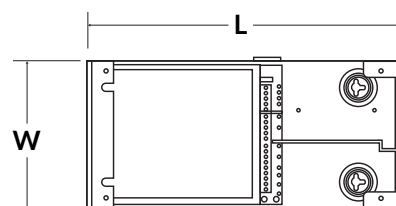


LUTRON HI-LUME PREMIER 0.1% DIMMABLE ELECTRONIC

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.

