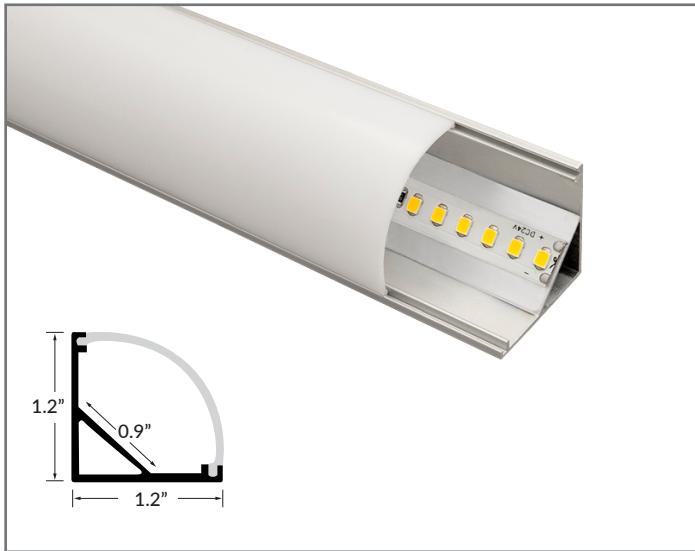


ANGLED 2 EXTRUSION + LED TAPELIGHT



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	118°
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	64 to 680 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

Surface-mount extrusion with dome lens and 45° angled interior for illuminating under cabinets. Angled 2 is also ideal for shelving, displays, corridors, windows, edge lighting, and general lighting.



PRODUCT: LLI-ANG2-SF-H4.4W-30K-24V-48IN

ANGLED 2 EXTRUSION + LED TAPELIGHT

ORDERING GUIDE

PROFILE

LLI-ANG2

1a. FINISH

S

1b. LENS

F

2. LED

2.5W

3. IP RATING*

65

4. CCT / COLOR

30K

5. LENGTH

48IN

6. MOUNTING

[blank]

7. LEAD TYPE

[blank]

8. LEAD LENGTH

[blank]

9. FEED TYPE

[blank]

1. FINISH & LENS

1a. FINISH

S

1b. LENS

F

S Silver Anodized finish F Frosted lens

2-4. LED TAPELIGHT OPTIONS

2. LED CODE

H4.4W

3. IP RATING*

[blank]

4. CCT / COLOR

30K

For IP20, leave [blank].

TECHNICAL DATA

	WATTAGE	DELIVERED LM/FT @ 30K^	FROSTED LENS APPEARANCE**	CRI	MAX. RUN	CUT POINTS*
T0.75W (White)	0.75 W/ft	64 lm/ft	UNIFORM	90+	26 ft	1"
1.5W (White)	1.5 W/ft	122 lm/ft	SEMI-UNIFORM	90+	60 ft*	3.9"
T1.5W (White)	1.5 W/ft	132 lm/ft	UNIFORM	90+	26 ft	1"
2.2W (White)	2.2 W/ft	163 lm/ft	SEMI-UNIFORM	90+	60 ft*	3.9"
2.5W (White)	2.5 W/ft	161 lm/ft	UNIFORM	90+	32 ft	2"
T2.5W (White)	2.5 W/ft	174 lm/ft	UNIFORM	90+	20 ft	1"
3.5W (White)	3.5 W/ft	205 lm/ft	UNIFORM	90+	40 ft	2.5"
WF3.5W (Warm Fade)	3.5 W/ft	231 lm/ft	UNIFORM	90+	16 ft	2.5"
TW2.7W (Tunable White)	2.7 W/ft	239 lm/ft	UNIFORM	90+	26 ft	3.3"
4.4W (White)	4.4 W/ft	250 lm/ft	UNIFORM	90+	32 ft	2"
H3.5W (White)	3.5 W/ft	310 lm/ft	UNIFORM	90+	26 ft	2.5"
T5.0W (White)	5.0 W/ft	336 lm/ft	UNIFORM	90+	13 ft	1"
H4.0W (White)	4.0 W/ft	345 lm/ft	UNIFORM	90+	40 ft	1.3"
R5.4W (White, High R9)	5.4 W/ft	400 lm/ft	UNIFORM	95+	16 ft	1"
H4.4W (White)	4.4 W/ft	400 lm/ft	UNIFORM	90+	32 ft	2"
TW5.3W (Tunable White)	5.3 W/ft	417 lm/ft	UNIFORM	90+	16 ft	3.3"
8.8W (White)	8.8 W/ft	438 lm/ft	UNIFORM	90+	32 ft	1"
H6.6W (White)	6.6 W/ft	563 lm/ft	UNIFORM	90+	16 ft	1.3"
H5.3W (White)	5.3 W/ft	566 lm/ft	UNIFORM	90+	16 ft	2"
HO5.9W (White)	5.9 W/ft	622 lm/ft	UNIFORM	90+	16 ft	2"
C2.2W (Static Color)	2.2 W/ft	N/A	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	90 lm/ft	IMAGING	—	32 ft	3.9"
TC4.4W (RGB)	4.4 W/ft	131 lm/ft	UNIFORM	—	16 ft	2"
CC5.9W (RGB)	5.9 W/ft	243 lm/ft	UNIFORM	—	32 ft	2.8"
CW5.8W (RGBW)	5.8 W/ft	220 lm/ft	IMAGING	80+	32 ft	3.9"
CW7.0W (RGBW)	7.0 W/ft	255 lm/ft	UNIFORM	90+	28 ft	2.5"
CW7.6W (RGBW)	7.6 W/ft	263 lm/ft	UNIFORM	90+	16 ft	2.5"
CW8.8W (RGBW)	8.8 W/ft	456 lm/ft	SEMI-UNIFORM	90+	22 ft	3.9"

* 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.



ANGLED 2 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

STANDARD MOUNTING CLIP INCLUDED
UNLESS OTHERWISE SPECIFIED



1.3" W x 1.3" H x 0.5" L

7-9. POWER FEED (OPTIONAL)

7.
LEAD TYPE

[blank]

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

PWR

MBC*

FBC*

Hard wire

Male barrel

Female barrel

8.
LEAD LENGTH

[blank]

Enter desired wire length in inches.

9.
FEED TYPE

[blank]

EF

SR

SL

End Feed

Right Side Feed

Left Side Feed

STANDARD 48" HARD WIRE END FEED INCLUDED
UNLESS OTHERWISE SPECIFIED

End Feed (EF) - default

Right Side Feed (SR)

Left Side Feed (SL)

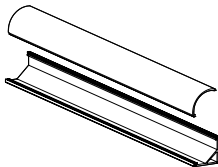
Hard wire, no connector - default (PWR)

Male barrel connector (MBC)*

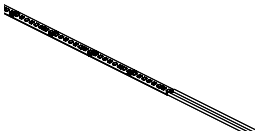
Female barrel connector (FBC)*

*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

ANGLED 2 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

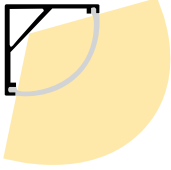
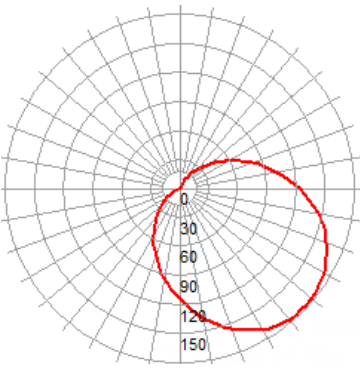
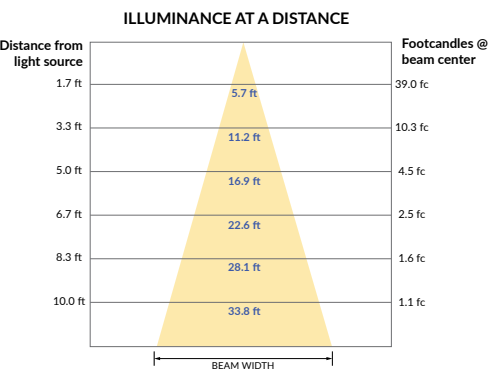
IP RATING	LUMEN MULTIPLIER
IP20	1
IP65	0.9
IP68	0.9

EXAMPLE: Extrusion with 2.5W, IP65, 5200K

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

161 lm/ft	x	1.25	x	0.9	=	181 lm/ft
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PHOTOMETRY

LLI-ANG2-SF-H6.6W-30K-24V*		BEAM SPREAD	POLAR CHART	CONICAL CHART
POWER (W/ft)	6.6W	118° 		ILLUMINANCE AT A DISTANCE 
OUTPUT (lm/ft)	546 lm/ft			
COLOR TEMPERATURE	3000K			
BEAM SPREAD	118°			
EFFICACY (lm/W)	83 lm/W			

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

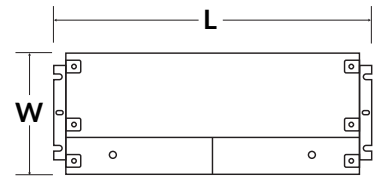
POWER SUPPLIES SOLD SEPARATELY

DIMMABLE ELECTRONIC 0-10V

Optimal performance dims to 0%.*



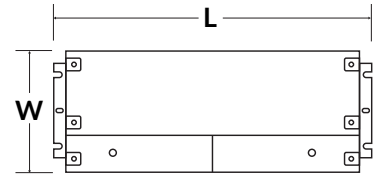
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DE010-030W-24V-KO	30W	120V or 277V	24V	CLASS 2	IP66 WET	6.5"	3.6"	1.6"
LLI-PS-DE010-060W-24V-KO	60W	120V or 277V	24V	CLASS 2	IP66 WET	7.4"	3.6"	1.6"
LLI-PS-DE010-096W-24V-KO	96W	120V or 277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-DE010-192W-24V-CL2-KO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

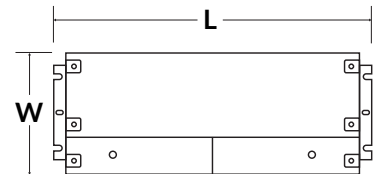


DIMMABLE ELECTRONIC FLICKER-FREE

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"

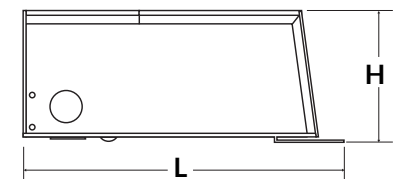
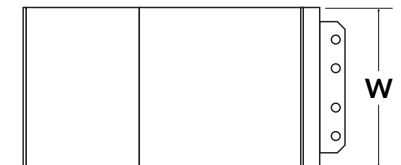


DIMMABLE MAGNETIC

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"

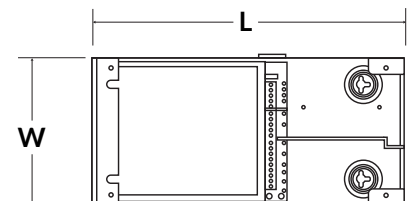


LUTRON HI-LUME PREMIER 0.1% DIMMABLE ELECTRONIC

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.

