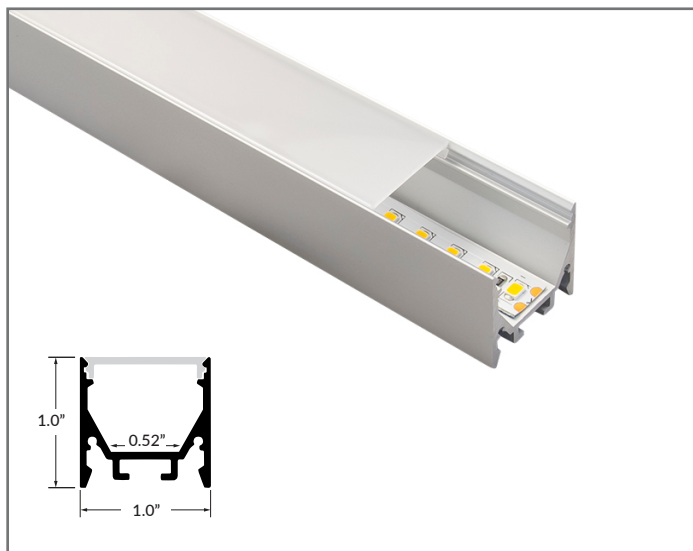


ICON 1 SURFACE EXTRUSION + LED TAPELIGHT



5 YEAR
LIMITED
WARRANTY



ASSEMBLED IN THE
USA

SPECIFICATIONS

FINISH	Silver Anodized, Black Anodized
LENS	Frosted
WATTAGE	0.75W/ft to 7.6W/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	100°
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	41 to 421 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, IP65/68 - 3 year limited

FEATURES & RECOMMENDED APPLICATIONS

Modular extrusion with a frosted lens that provides a dot-free line of light. Pre-assembled corners available for making turns in a variety of applications, such as general lighting, accents, displays, shelving, and signage.



PRODUCT: LLI-IC1-SF-H3.5W-42K-24V-30IN

ICON 1 SURFACE EXTRUSION + LED TAPELIGHT

ORDERING GUIDE

← PRODUCT CODE

PROFILE	1a. FINISH	1b. LENS	2. LED CODE	3. IP RATING	4. CCT / COLOR	INPUT	5. LENGTH
LLI-IC1	S	F	2.2W	65	30K	24V	48IN
	Silver Black	Frosted	WATTS/FT 0.75-7.6 W/ft	[blank] - IP20 65 - IP65 68 - IP68	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 CODE →

POWER FEED		
6. MOUNTING	7. LEAD TYPE	8. LEAD LENGTH
[blank]	[blank]	[blank]
Default [blank] - Ships standard with standard clips.	Default [blank] - 48" hard wire end feed (PWR48EF)	
Refer to section 6 on the next page if you require alternate mounting.	Refer to section 7 on the next page for an alternate power feed configuration.	

Example product code: LLI-IC1-SF-H4.4W-65-30K-24V-96IN

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

1. FINISH & LENS

1a. FINISH

S

S Silver Anodized finish
B Black Anodized finish

1b. LENS

F

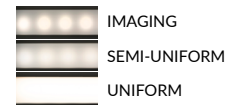
F Frosted lens

2-4. LED TAPELIGHT OPTIONS

2. LED CODE	3. IP RATING*	4. CCT / COLOR	TECHNICAL DATA						
H6.6W	[blank]	30K		WATTAGE	DELIVERED LM/FT @ 30K^	FROSTED LENS APPEARANCE**	CRI	MAX. RUN	CUT POINTS*
For IP20, leave [blank].									
T0.75W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K		0.75 W/ft	41 lm/ft	UNIFORM	90+	26 ft	1"
1.5W (White)	20 / 65* / 68*	22K / 27K / 30K / 35K / 42K / 52K		1.5 W/ft	76 lm/ft	IMAGING	90+	60 ft*	3.9"
T1.5W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K		1.5 W/ft	82 lm/ft	UNIFORM	90+	26 ft	1"
2.2W (White)	20 / 65* / 68*	22K / 27K / 30K / 35K / 42K / 52K		2.2 W/ft	101 lm/ft	IMAGING	90+	60 ft*	3.9"
2.5W (White)	20 / 65 / 68	22K / 24K / 27K / 30K / 35K / 42K / 52K		2.5 W/ft	100 lm/ft	UNIFORM	90+	32 ft	2"
T2.5W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K		2.5 W/ft	108 lm/ft	UNIFORM	90+	20 ft	1"
3.5W (White)	20 / 65 / 68	22K / 27K / 30K / 35K / 42K / 52K		3.5 W/ft	127 lm/ft	UNIFORM	90+	40 ft	2.5"
WF3.5W (Warm Fade) 	20	27D (18-27K) / 30D (18-30K)		3.5 W/ft	143 lm/ft	UNIFORM	90+	16 ft	2.5"
TW2.7W (Tunable White) 	20 / 65 / 68	1835 (18-35K) / 2235 (22-35K) / 2752 (27-52K)		2.7 W/ft	148 lm/ft	UNIFORM	90+	26 ft	3.3"
4.4W (White)	20 / 65 / 68	22K / 24K / 27K / 30K / 35K / 42K / 52K		4.4 W/ft	155 lm/ft	UNIFORM	90+	32 ft	2"
H3.5W (White)	20 / 65 / 68	22K / 27K / 30K / 35K / 42K / 52K		3.5 W/ft	192 lm/ft	UNIFORM	90+	26 ft	2.5"
T5.0W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K		5.0 W/ft	208 lm/ft	UNIFORM	90+	13 ft	1"
R5.4W (White, High R9)	20 / 65 / 68	22K / 27K / 30K / 35K / 42K / 52K		5.4 W/ft	247 lm/ft	UNIFORM	95+	16 ft	1"
H4.4W (White)	20 / 65 / 68	22K / 24K / 27K / 30K / 35K / 42K / 52K		4.4 W/ft	247 lm/ft	UNIFORM	90+	32 ft	2"
TW5.3W (Tunable White) 	20 / 65	1835 (18-35K) / 2235 (22-35K) / 2752 (27-52K)		5.3 W/ft	258 lm/ft	UNIFORM	90+	16 ft	3.3"
H5.3W (White)	20 / 68	27K / 30K / 35K / 42K / 52K		5.3 W/ft	360 lm/ft	UNIFORM	90+	16 ft	2"
HO5.9W (White)	20 / 68	27K / 30K / 35K / 42K / 52K		5.9 W/ft	421 lm/ft	UNIFORM	90+	16 ft	2"
C2.2W (Static Color)	20 / 65 / 68	RED / AMB / GRN / BLU		2.2 W/ft	N/A	IMAGING	—	60 ft	3.9"
C4.4W (Static Color)	20 / 65 / 68	RED / AMB / GRN / BLU		4.4 W/ft	N/A	UNIFORM	—	32 ft	2"
CC4.4W (RGB) 	20 / 65 / 68	RGB		4.4 W/ft	56 lm/ft	SEMI-UNIFORM	—	32 ft	3.9"
TC4.4W (RGB) 	20 / 65	RGB		4.4 W/ft	81 lm/ft	UNIFORM	—	32 ft	2"
CC5.9W (RGB) 	20 / 65	RGB		5.9 W/ft	150 lm/ft	UNIFORM	—	32 ft	2.8"
CW5.8W (RGBW) 	20 / 65	R30 (RGB + 30K) / R60		5.8 W/ft	136 lm/ft	SEMI-UNIFORM	80+	32 ft	3.9"
CW7.0W (RGBW) 	20	R30 (RGB + 30K) / R60		7.0 W/ft	157 lm/ft	UNIFORM	90+	28 ft	2.5"
CW7.6W (RGBW) 	20 / 65	R22 (RGB + 22K) / R27 / R30 / R35 / R42 / R52		7.6 W/ft	166 lm/ft	UNIFORM	90+	16 ft	2.5"

* 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 llialighting.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.



ICON 1 SURFACE 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]

[blank] Standard Clip - default

T916 9/16" T-Bar Ceiling Clip

T1516 15/16" T-Bar Ceiling Clip

STANDARD MOUNTING CLIP INCLUDED
UNLESS OTHERWISE SPECIFIED



0.8" L x 0.8W x 0.3" H

T-BAR CEILING CLIP
9/16" OR 15/16"



1 T-Bar Ceiling Clip required every 30" and required 1" from extrusion ends.

1.5" L x 0.3" H

7-9. POWER FEED (OPTIONAL)

7.

LEAD TYPE

[blank]

8.

LEAD LENGTH

[blank]

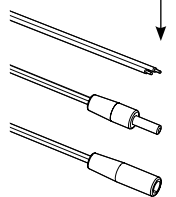
9.

FEED TYPE

[blank]

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

PWR Hard wire
MBC Male barrel
FBC Female barrel



Enter desired wire length in inches.

Hard wire, no connector - default (PWR)

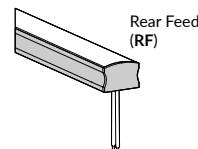
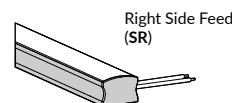
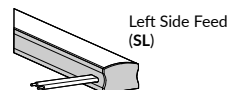
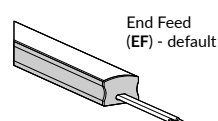
Male barrel connector (MBC)*

Female barrel connector (FBC)*

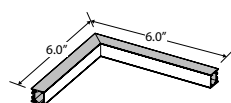
*Barrel connectors not compatible with RGB, RGB(W), or Tunable White tapelights.

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

STANDARD 48" HARD WIRE END FEED INCLUDED
UNLESS OTHERWISE SPECIFIED

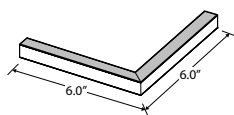


FACTORY ASSEMBLED CORNERS (NO MITER CUTS REQUIRED. SCREWS AND JOINER BARS INCLUDED.)



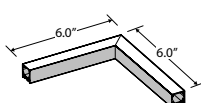
90° INSIDE CORNER

LLI-XS-IC1-SF-INS-6IN



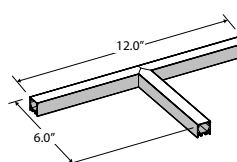
90° OUTSIDE CORNER

LLI-XS-IC1-SF-OUT-6IN



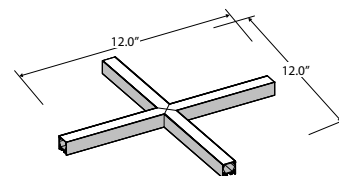
90° FLAT CORNER

LLI-XS-IC1-SF-90D-FLT-6IN



T CORNER

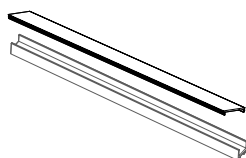
LLI-XS-IC1-SF-90D-TEE-12IN



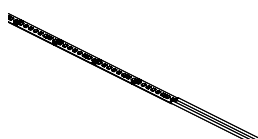
X CORNER

LLI-XS-IC1-SF-CROSS-FLT-12IN

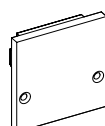
WHAT'S INCLUDED



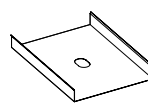
EXTRUSION WITH LENS



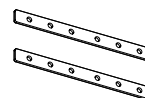
LED TAPELIGHT WITH
POWER FEED



ENDCAPS



MOUNTING CLIP



JOINER BARS

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

ICON 1 SURFACE 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
IP68	0.9

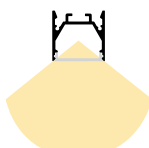
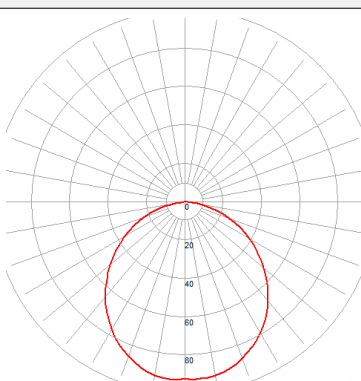
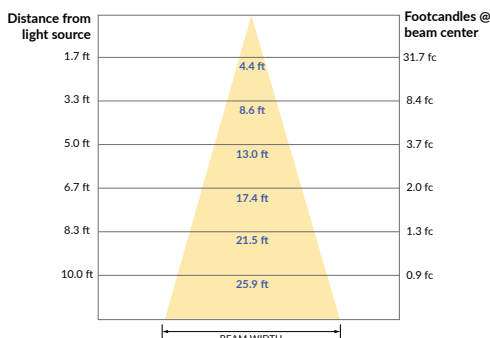
FINISH	LUMEN MULTIPLIER
Silver Anodized	1
Black Anodized	0.9

EXAMPLE: Silver Anodized Extrusion with 2.5W, IP65, 5200K

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

151 lm/ft	x	1.25	x	0.9	x	1	=	170 lm/ft
-----------	---	------	---	-----	---	---	---	-----------

PHOTOMETRY

LLI-IC1-SF-H4.4W-30K-24V*		BEAM SPREAD	POLAR CHART	CONICAL CHART
POWER (W/ft)	4.4W	100° 		ILLUMINANCE AT A DISTANCE 
OUTPUT (lm/ft)	247 lm/ft			
COLOR TEMPERATURE	3000K			
BEAM SPREAD	100°			
EFFICACY (lm/W)	56 lm/W			

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

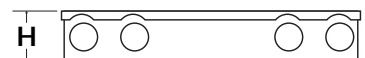
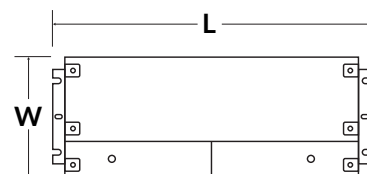
POWER SUPPLIES SOLD SEPARATELY

DIMMABLE ELECTRONIC 0-10V

Optimal performance dims to 0%.*



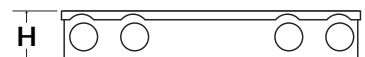
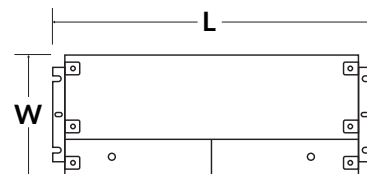
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DE010-030W-24V-KO	30W	120V or 277V	24V	CLASS 2	IP66 WET	6.5"	3.6"	1.6"
LLI-PS-DE010-060W-24V-KO	60W	120V or 277V	24V	CLASS 2	IP66 WET	7.4"	3.6"	1.6"
LLI-PS-DE010-096W-24V-KO	96W	120V or 277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-DE010-192W-24V-CL2-KO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

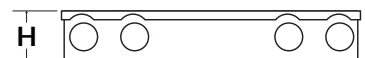
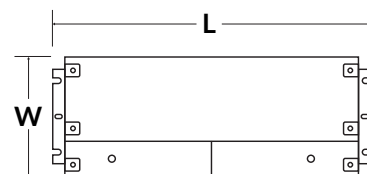


DIMMABLE ELECTRONIC FLICKER-FREE

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"

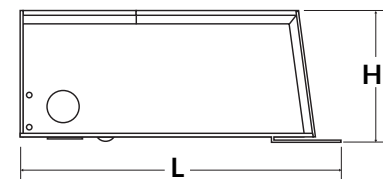
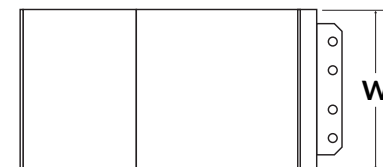


DIMMABLE MAGNETIC

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"

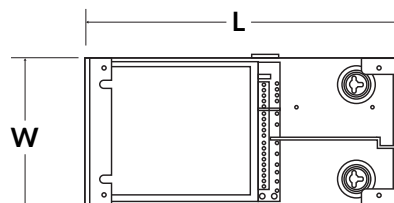


LUTRON HI-LUME PREMIER 0.1% DIMMABLE ELECTRONIC

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.

