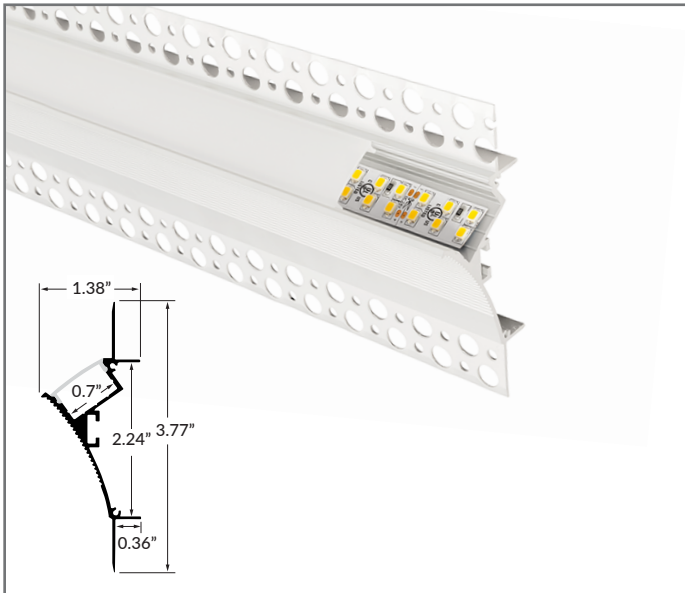




SEAMLESS COVE EXTRUSION + LED TAPELIGHT



5 YEAR
LIMITED
WARRANTY



SPECIFICATIONS

FINISH	White Powder Coat
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	106° typical with Frosted lens
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	53 to 546 lm/ft
LEDS	Single binned LEDs +/- 30-70 CCT, MacAdam 3 SDCM
MATERIAL	Extrusion - Anodized aluminum; Lens - Polycarbonate
MOUNTING	Mounts with screws and plaster (not included)
POWER SUPPLY	Requires a 24V power supply - see page 5
WARRANTY	IP20 - 5 year limited, IP65/67/68 - 3 year limited

FEATURES & RECOMMENDED APPLICATIONS

Mud-in extrusion with an uplight orientation for sleek cove lighting or ceiling illumination. Ideal for general lighting, accents, wayfinding, and specialty interior designs.



PRODUCT: LLI-SCV-WF-H6.6W-35K-24V-96IN

SEAMLESS COVE EXTRUSION + LED TAPELIGHT

ORDERING GUIDE

← PRODUCT CODE

PROFILE	1a. FINISH	1b. LENS	2. LED	3. IP RATING*	4. CCT / COLOR	INPUT	5. LENGTH
LLI-SCV	W	F	H6.6W	[blank]	30K	24V	48IN
	White	Frosted	WATTS/FT 0.75-8.8 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 →

POWER FEED		
6. LEAD TYPE	7. LEAD LENGTH	8. FEED TYPE
[blank]		
Default [blank] - 48" hard wire rear feed (PWR48RF)		
Refer to section 7 on the next page for an alternate power feed configuration.		

Example part number: LLI-SCV-WF-H6.6W-65-35K-24V-48IN

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

1. FINISH & LENS

1a. FINISH W W White Powder Coat finish	1b. LENS F F Frosted lens
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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	53 lm/ft	UNIFORM	90+
1.5W (White)	20 / 65* / 68*	22K / 27K / 30K / 35K / 42K / 52K	1.5 W/ft	98 lm/ft	SEMI-UNIFORM	90+
T1.5W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	1.5 W/ft	106 lm/ft	UNIFORM	90+
2.5W (White)	20 / 65 / 68	22K / 24K / 27K / 30K / 35K / 42K / 52K	2.5 W/ft	129 lm/ft	SEMI-UNIFORM	90+
2.2W (White)	20 / 65* / 68*	22K / 27K / 30K / 35K / 42K / 52K	2.2 W/ft	131 lm/ft	SEMI-UNIFORM	90+
T2.5W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	2.5 W/ft	140 lm/ft	UNIFORM	90+
3.5W (White)	20 / 65 / 68	22K / 27K / 30K / 35K / 42K / 52K	3.5 W/ft	165 lm/ft	SEMI-UNIFORM	90+
♦ WF3.5W (Warm Fade)	20 / 65 / 68	27D (18-27K) / 30D (18-30K)	3.5 W/ft	185 lm/ft	SEMI-UNIFORM	90+
TW2.7W (Tunable White)	20 / 65 / 68	1835 (18-35K) / 2235 (22-35K) / 2752 (27-52K)	2.7 W/ft	192 lm/ft	SEMI-UNIFORM	90+
4.4W (White)	20 / 65 / 68	22K / 24K / 27K / 30K / 35K / 42K / 52K	4.4 W/ft	201 lm/ft	SEMI-UNIFORM	90+
H3.5W (White)	20 / 65 / 68	22K / 27K / 30K / 35K / 42K / 52K	3.5 W/ft	249 lm/ft	UNIFORM	90+
T5.0W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	5.0 W/ft	270 lm/ft	UNIFORM	90+
H4.0W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	4.0 W/ft	277 lm/ft	UNIFORM	90+
R5.4W (White, High R9)	20 / 65 / 68	22K / 27K / 30K / 35K / 42K / 52K	5.4 W/ft	321 lm/ft	UNIFORM	95+
H4.4W (White)	20 / 65 / 68	22K / 24K / 27K / 30K / 35K / 42K / 52K	4.4 W/ft	321 lm/ft	UNIFORM	90+
TW5.3W (Tunable White)	20 / 65 / 68	1835 (18-35K) / 2235 (22-35K) / 2752 (27-52K)	5.3 W/ft	335 lm/ft	SEMI-UNIFORM	90+
★ 8.8W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	8.8 W/ft	351 lm/ft	UNIFORM	90+
★ H6.6W (White)	20 / 65	22K / 27K / 30K / 35K / 42K / 52K	6.6 W/ft	452 lm/ft	UNIFORM	90+
★ H5.3W (White)	20 / 68	27K / 30K / 35K / 42K / 52K	5.3 W/ft	467 lm/ft	UNIFORM	90+
★ HO5.9W (White)	20 / 68	27K / 30K / 35K / 42K / 52K	5.9 W/ft	546 lm/ft	UNIFORM	90+
C2.2W (Static Color)	20 / 65 / 68	RED / AMB / GRN / BLU	2.2 W/ft	N/A	SEMI-UNIFORM	—
C4.4W (Static Color)	20 / 65 / 68	RED / AMB / GRN / BLU	4.4 W/ft	N/A	SEMI-UNIFORM	—
CC4.4W (RGB)	20 / 65 / 68	RGB	4.4 W/ft	73 lm/ft	SEMI-UNIFORM	—
TC4.4W (RGB)	20 / 65	RGB	4.4 W/ft	106 lm/ft	SEMI-UNIFORM	—
★ CC5.9W (RGB)	20 / 65	RGB	5.9 W/ft	195 lm/ft	UNIFORM	—
CW5.8W (RGBW)	20 / 65 / 68	R30 (RGB + 30K) / R60	5.8 W/ft	176 lm/ft	SEMI-UNIFORM	80+
CW7.0W (RGBW)	20	R30 (RGB + 30K) / R60	7.0 W/ft	204 lm/ft	SEMI-UNIFORM	90+
★ CW7.6W (RGBW)	20 / 65 / 68	R22 (RGB + 22K) / R27 / R30 / R35 / R42 / R52	7.6 W/ft	215 lm/ft	UNIFORM	90+

* 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.

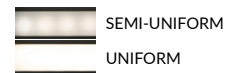
^ Lumen data based on frosted lens, IP20 tapelight, 30K white output, or combined output for tunable white, warm fade, RGB, and RGB(W) tapelights.

* 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.



SEAMLESS COVE 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.

6-8. POWER FEED (OPTIONAL)

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

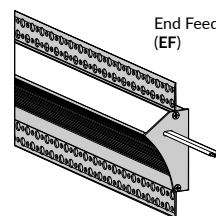
Default [blank] - 48" hard wire rear feed (PWR48RF)

PWR Hard wire
MBC* Male barrel
FBC* Female barrel

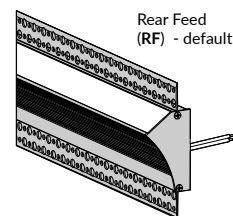
Enter desired wire length in inches.

EF End Feed
RF Rear Feed

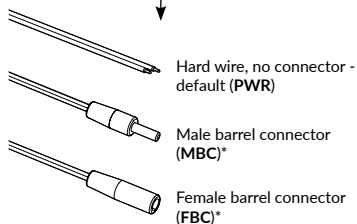
STANDARD 48" HARD WIRE REAR FEED INCLUDED UNLESS OTHERWISE SPECIFIED



End Feed (EF)



Rear Feed (RF) - default



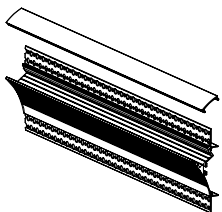
Hard wire, no connector - default (PWR)

Male barrel connector (MBC)*

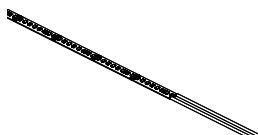
Female barrel connector (FBC)*

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

WHAT'S INCLUDED



EXTRUSION WITH LENS



LED TAPELIGHT WITH POWER FEED



ENDCAPS

SEAMLESS COVE 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

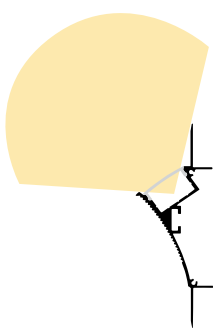
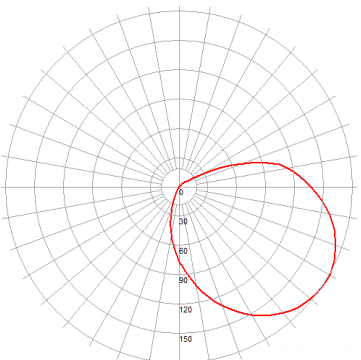
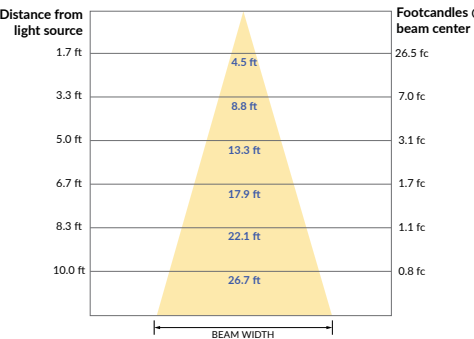
IP RATING	LUMEN MULTIPLIER
IP20	1
IP65	0.9
IP68	0.9

EXAMPLE: Extrusion with 8.8W, IP65, 5200K

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

351 lm/ft	x	1.25	x	0.9	=	395 lm/ft
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PHOTOMETRY

LLI-SCV-WF-H6.6W-30K-24V*		BEAM SPREAD	POLAR CHART	CONICAL CHART
POWER (W/ft)	6.6W	106° 		ILLUMINANCE AT A DISTANCE 
OUTPUT (lm/ft)	452 lm/ft			
COLOR TEMPERATURE	3000K			
BEAM SPREAD	106°			
EFFICACY (lm/W)	68 lm/W			

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

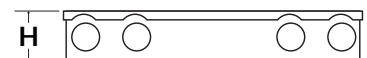
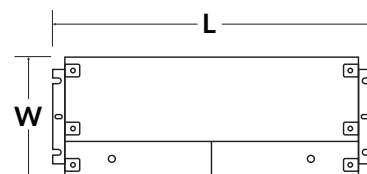
POWER SUPPLIES SOLD SEPARATELY

DIMMABLE ELECTRONIC 0-10V

Optimal performance dims to 0%.*



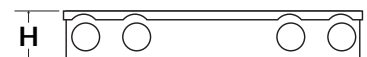
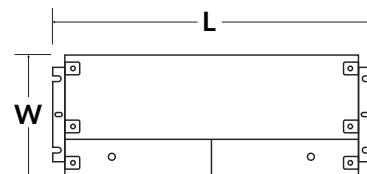
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DE010-030W-24V-KO	30W	120V or 277V	24V	CLASS 2	IP66 WET	6.5"	3.6"	1.6"
LLI-PS-DE010-060W-24V-KO	60W	120V or 277V	24V	CLASS 2	IP66 WET	7.4"	3.6"	1.6"
LLI-PS-DE010-096W-24V-KO	96W	120V or 277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-DE010-192W-24V-CL2-KO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

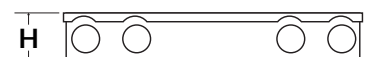
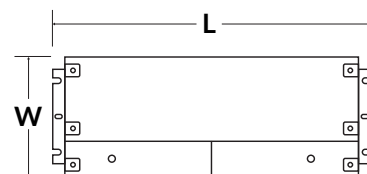


DIMMABLE ELECTRONIC FLICKER-FREE

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"

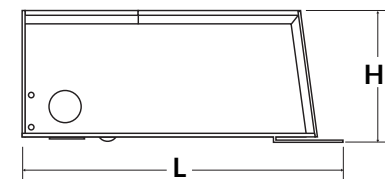
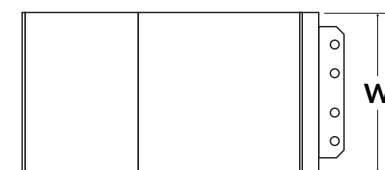


DIMMABLE MAGNETIC

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"

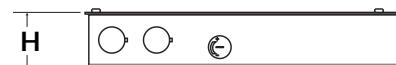
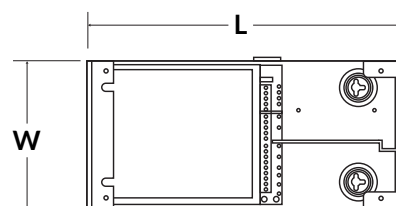


LUTRON HI-LUME PREMIER 0.1% DIMMABLE ELECTRONIC

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.

CONTROLS (SOLD SEPARATELY)
