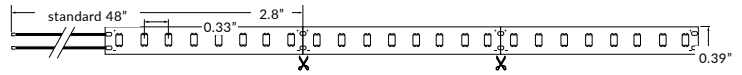




# HIGH EFFICACY 5.9W LED TAPELIGHT - IP65



## TECHNICAL INFORMATION

NOTE: All data has +/- 5% tolerance.

WATTAGE	5.9W per foot
IP RATING	IP65 - wet locations. Not suitable for submersion, limited protection against harsh environments.
OUTPUT	2700K - 657 lm/ft 3000K - 693 lm/ft 3500K - 727 lm/ft 4200K - 764 lm/ft 5200K - 801 lm/ft
INPUT VOLTAGE	24VDC
OPERATING TEMP.	-4° to 104° F
CRI	90+
CUT LENGTH	Every 2.8", or every 8 LEDs
MAXIMUM RUN	32 feet
DIMENSIONS	0.39" W x 0.11" H (10mm x 2.8mm)
ADHESIVE BACKING	Yes - thermal tape
LIFESPAN	50,000 hrs
WARRANTY	3 year limited
POWER SUPPLY	Compatible with all 24VDC power supplies - see page 4

### CONNECTOR OPTIONS (SOLD SEPARATELY)

Use Layout Guide on page 3 to specify factory-assembled connections.  
10mm connectors are available for making DIY connections.



TAPE-TO-TAPE GRIPPER CONNECTOR  
**LLI-GCRD-LL-SC**



TAPE-TO-WIRE GRIPPER CONNECTOR  
**LLI-GCRD-LW-SC**

### MOUNTING OPTIONS (SOLD SEPARATELY)



ARCHITECTURAL EXTRUSIONS  
(see website, lliighting.com)



TAPE MOUNTING CLIP  
(sold in packs of 10)  
**LLI-TAPE-CLIPS-WET-10MM**

## PART NUMBER BUILDER / ORDERING GUIDE

Example part number: LLI-LHE5.9W-65-27K-24V-90-96in

\*\*If a custom, pre-assembled layout is desired, please use the layout guide on page 3 to specify a layout code\*\*

SERIES	IP RATING	COLOR	VOLTAGE	CRI	LENGTH
<b>LLI-LHE5.9W</b>	<b>65</b>		<b>24V</b>	<b>90</b>	
		<b>27K</b> (657 lm/ft)			(enter length in inches, up to 384")
		<b>30K</b> (693 lm/ft)			<b>R016</b> 16ft reel
		<b>35K</b> (727 lm/ft)			<b>R100</b> 100ft reel
		<b>42K</b> (764 lm/ft)			
		<b>52K</b> (801 lm/ft)			

# HIGH EFFICACY 5.9W LED TAPELIGHT - IP65

## OVERALL LENGTH / CUT POINT GUIDE

2.8"	5.6"	8.4"	11.2"	14.1"	16.9"	19.7"	22.5"	25.3"	28.1"	30.9"	33.7"
36.5"	39.4"	42.2"	45.0"	47.8"	50.6"	53.4"	56.2"	59.0"	61.8"	64.7"	67.5"
70.3"	73.1"	75.9"	78.7"	81.5"	84.3"	87.1"	90.0"	92.8"	95.6"	98.4"	101.2"
104.0"	106.8"	109.6"	112.4"	115.3"	118.1"	120.9"	123.7"	126.5"	129.3"	132.1"	134.9"
137.7"	140.6"	143.4"	146.2"	149.0"	151.8"	154.6"	157.4"	160.2"	163.0"	165.9"	168.7"
171.5"	174.3"	177.1"	179.9"	182.7"	185.5"	188.3"	191.1"	194.0"	196.8"	199.6"	202.4"
205.2"	208.0"	210.8"	213.6"	216.4"	219.3"	222.1"	224.9"	227.7"	230.5"	233.3"	236.1"
238.9"	241.7"	244.6"	247.4"	250.2"	253.0"	255.8"	258.6"	261.4"	264.2"	267.0"	269.9"
272.7"	275.5"	278.3"	281.1"	283.9"	286.7"	289.5"	292.3"	295.2"	298.0"	300.8"	303.6"
306.4"	309.2"	312.0"	314.8"	317.6"	320.5"	323.3"	326.1"	328.9"	331.7"	334.5"	337.3"
340.1"	342.9"	345.8"	348.6"	351.4"	354.2"	357.0"	359.8"	362.6"	365.4"	368.2"	371.1"
373.9"	376.7"	379.5"	382.3"								

# HIGH EFFICACY 5.9W LED TAPELIGHT - IP65

## LAYOUT GUIDE

Example ordering code with layout code:

LLI-LHE5.9W-65-30K-24V-90-288IN, P48-L96-J3-L48-J3-L96-J3-L48

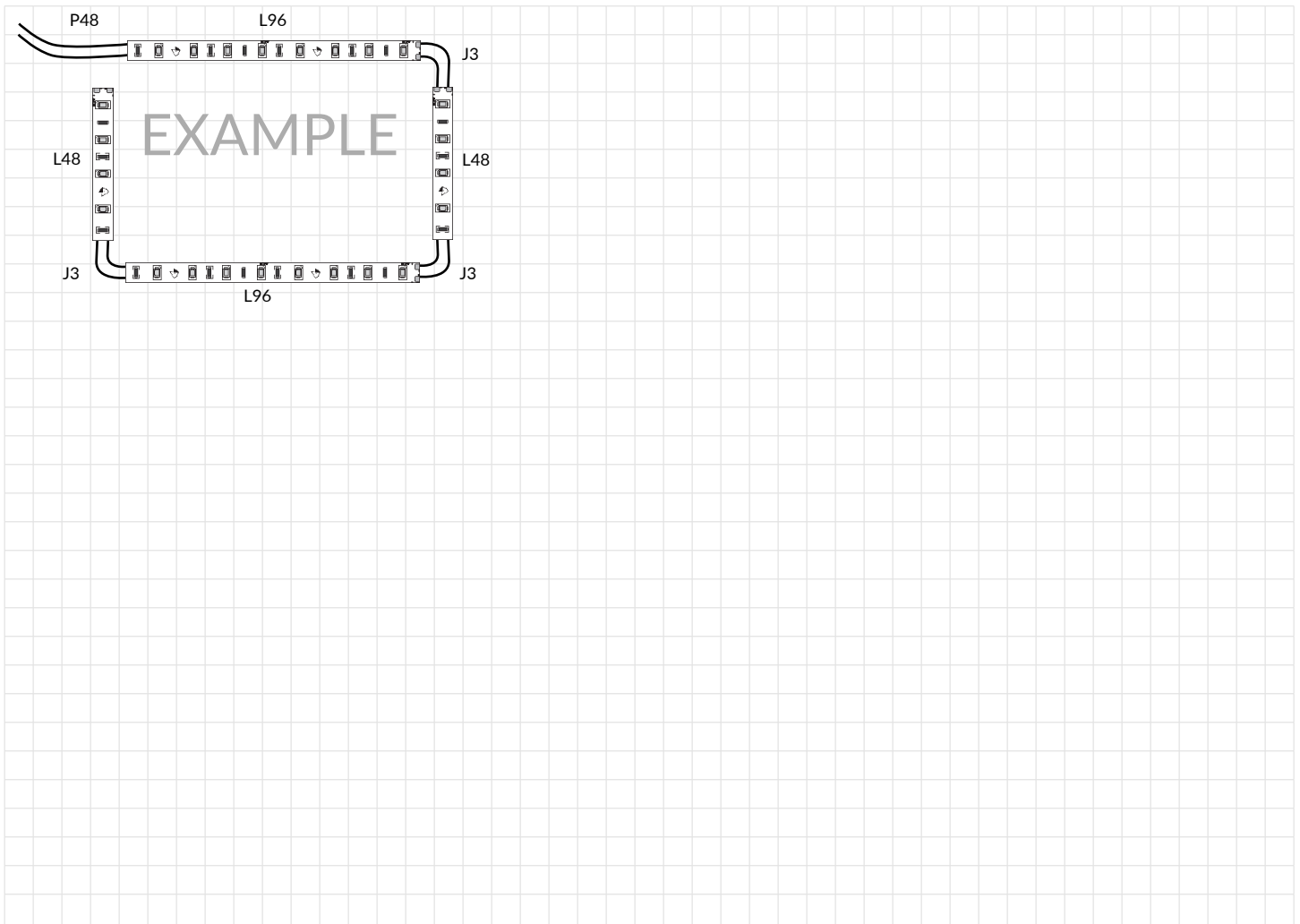
↑  
LED ORDER CODE

↑  
LAYOUT CODE

### CODE LEGEND:

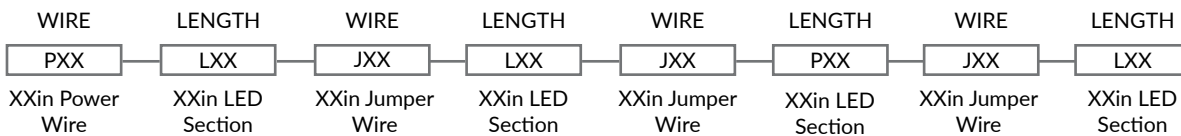
- P - Power Feed Wire
- L - LED Tapelight
- J - Jumper Wire for Interconnecting
- FBC - Female Barrel Connector
- MBC - Male Barrel Connector
- FBC65 - Wet Location (IP65) Female Barrel Connector
- MBC65 - Wet Location (IP65) Male Barrel Connector

The grid below is provided for you to sketch your layout, if desired. The layout code above corresponds to the example layout shown.



### LAYOUT CODE BUILDER:

(Repeat "wire" and "length" codes as needed until entire layout is specified.)



\*\* Customers must include a layout code with the LED order code if a custom, pre-assembled layout is desired\*\*



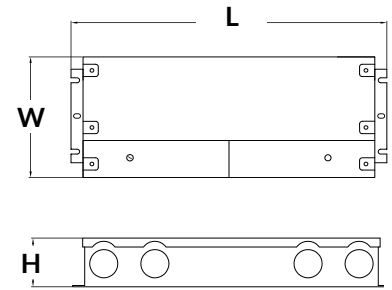
POWER SUPPLIES (SOLD SEPARATELY)

**DIMMABLE ELECTRONIC 0-10V**

Optimal performance dims to 0%.\*



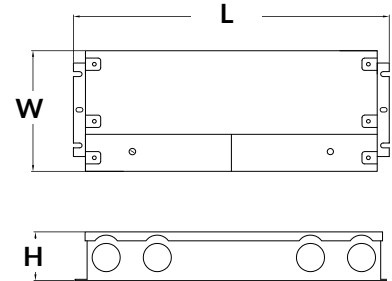
PART NUMBER	CAPACITY	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DE010-030W-24V-KO	30W	24V	CLASS 2	WET	6.5"	3.6"	1.6"
LLI-PS-DE010-060W-24V-KO	60W	24V	CLASS 2	WET	7.4"	3.6"	1.6"
LLI-PS-DE010-096W-24V-KO	96W	24V	CLASS 2	WET	8.7"	3.7"	1.7"
LLI-PS-DE010-200W-24V-KO	200W	24V	CLASS 1	WET	10.2"	4.1"	1.8"
LLI-PS-DE010-300W-24V-KO	300W	24V	CLASS 1	WET	10.9"	4.3"	1.8"



**NON-DIMMABLE ELECTRONIC**



PART NUMBER	CAPACITY	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-NDE-030W-24V-KO	30W	24V	CLASS 2	WET	6.5"	3.5"	1.02"
LLI-PS-NDE-060W-24V-KO	60W	24V	CLASS 2	WET	7.4"	3.5"	1.2"
LLI-PS-NDE-096W-24V-KO	96W	24V	CLASS 2	WET	8.7"	3.7"	1.7"
LLI-PS-NDE-200W-24V-KO	200W	24V	CLASS 1	WET	10.3"	4.1"	1.8"
LLI-PS-NDE-300W-24V-KO	300W	24V	CLASS 1	WET	10.9"	4.3"	1.8"

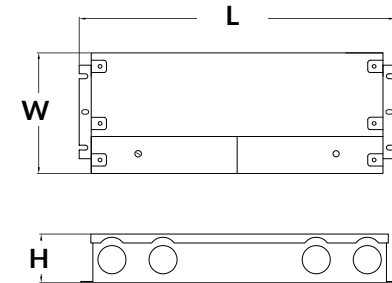


**UNIVERSAL DIMMABLE ELECTRONIC FLICKER-FREE**

Optimal performance dims to 2-5%.



PART NUMBER	CAPACITY	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-UDEFF-030W-24V-KO	30W	24V	CLASS 2	WET	6.5"	3.6"	1.0"
LLI-PS-UDEFF-060W-24V-KO	60W	24V	CLASS 2	WET	7.4"	3.6"	1.0"
LLI-PS-UDEFF-096W-24V-KO	96W	24V	CLASS 2	WET	8.7"	3.7"	1.6"
LLI-PS-UDEFF-200W-24V-KO	200W	24V	CLASS 1	WET	10.2"	4.1"	1.8"
LLI-PS-UDEFF-300W-24V-KO	300W	24V	CLASS 1	WET	11.0"	4.3"	1.8"

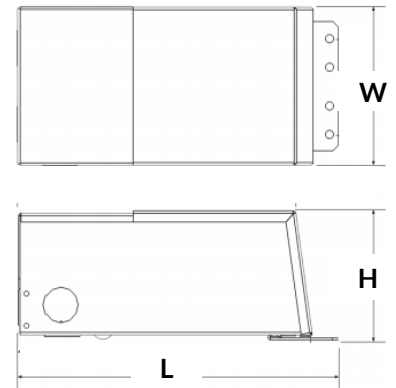


**DIMMABLE MAGNETIC**

Optimal performance dims to 5-10%.\*



PART NUMBER	CAPACITY	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DM-020W-24V-KO	20W	24V	CLASS 2	NEMA 3R	7.38"	2.11"	1.60"
LLI-PS-DM-040W-24V-KO	40W	24V	CLASS 2	NEMA 3R	7.38"	2.11"	1.60"
LLI-PS-DM-060W-24V-KO	60W	24V	CLASS 2	NEMA 3R	8.13"	3.93"	1.59"
LLI-PS-DM-100W-24V-KO	100W	24V	CLASS 2	NEMA 3R	8.13"	3.93"	1.59"
LLI-PS-DM-150W-24V-KO	150W	24V	CLASS 1	NEMA 3R	8.79"	4.15"	3.41"
LLI-PS-DM-200W-24V-KO	200W	24V	CLASS 1	NEMA 3R	8.79"	4.15"	3.41"
LLI-PS-DM-300W-24V-KO	300W	24V	CLASS 1	NEMA 3R	8.79"	4.15"	3.41"
LLI-PS-DM-300W-24V-CL2-KO	6 x 50W	24V	CLASS 2	NEMA 3R	10.29"	5.69"	3.43"
LLI-PS-DM-600W-24V-KO	2 x 300W	24V	CLASS 1	NEMA 3R	10.29"	6.79"	4.68"

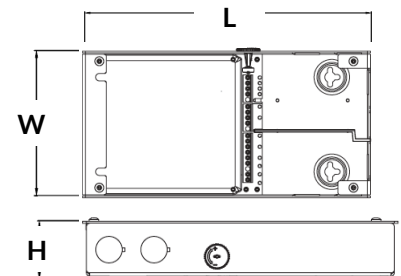


**LUTRON HI-LUME PREMIER 0.1% DIMMABLE ELECTRONIC**

Soft-on, Fade-to-Black, continuous flicker-free dimming from 100% to 0.1.



PART NUMBER	CAPACITY	OUTPUT	CLASS	LOCATION	L	W	H
L3D0-96W24V-U	96W	24V	CLASS 2	INDOOR	10.5"	5.5"	2.0"



\*Performance can be affected by driver loading and dimmer type.