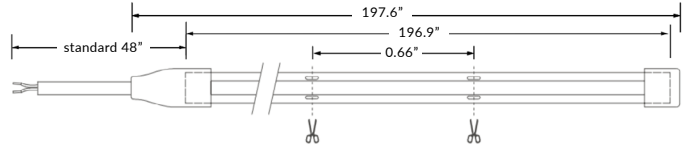
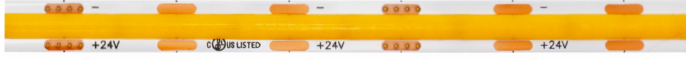


# 8MM COB 3.1W LED TAPELIGHT - IP67

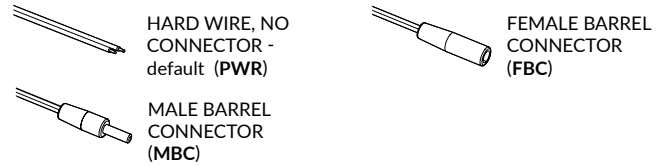


## TECHNICAL INFORMATION

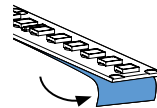
NOTE: All data has +/- 5% tolerance.

WATTAGE	3.1W per foot
IP RATING	IP67 - wet locations. Protected against temporary submersion, limited protection against harsh environments.
OUTPUT	2400K - 245 lm/ft 2700K - 253 lm/ft 3000K - 261 lm/ft 3500K - 266 lm/ft 4000K - 271 lm/ft 5000K - 275 lm/ft
INPUT VOLTAGE	24VDC
CRI	90+
OPERATING TEMP.	-13° to 140° F
CUT LENGTH	Every 0.7"
MAXIMUM RUN	16 feet
DIMENSIONS	0.60" W x 0.35" H (15mm x 9mm)
ADHESIVE BACKING	Yes - thermal adhesive
LIFESPAN	50,000 hrs
WARRANTY	5 year limited
POWER SUPPLY	Compatible with all 24VDC power supplies -- see page 4

### LEAD TYPES



### MOUNTING



THERMAL ADHESIVE BACKING (included)

### EXTRUSIONS



ARCHITECTURAL EXTRUSIONS (sold separately, see page 3, or see [website](#) for all options)

## ORDERING GUIDE

← PRODUCT CODE						OPTIONAL CODE →
SERIES	IP RATING	COLOR	VOLTAGE	CRI	LENGTH	POWER FEED FOR CUSTOM TAPELIGHT LENGTHS*
LLI-LCOB3.1W	67		24V	90		LEAD TYPE
		24K (245 lm/ft) 27K (253 lm/ft) 30K (261 lm/ft) 35K (266 lm/ft) 40K (271 lm/ft) 50K (275 lm/ft)			(Enter custom length in inches, up to 197")  R016* (16ft reel) R050* (50ft reel)	LEAD LENGTH
						Default [blank] - 48" hard wire end feed (PWR48)*
						PWR Hard wire (no connector) Enter desired wire length in inches
						MBC Male barrel connector
						FBC Female barrel connector

Example part number: LLI-LCOB3.1W-67-35K-24V-90-96in  
Default 48in power wire (PWR48) included on all custom lengths. Use OPTIONAL section to specify other power feed(s).

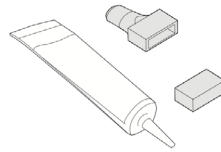
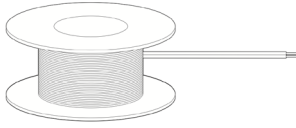
\*Power feed included on custom tapelight lengths only. Not included on reels. IP67 endcaps and wire sold separately for reels only, see page 2.

# 8MM COB 3.1W LED TAPELIGHT - IP67

## REEL COMPONENTS (REQUIRED FOR IP67 REELS ONLY. SOLD SEPARATELY)

Wire and sealant kits required for all IP67 reels. Not submersible rated. Refer to installation documents.

**Limited warranty:** Field cutting, termination, and sealing of IP67 rated tapelight introduces variables outside of manufacturer control, including installation methods, environmental conditions, and workmanship. The manufacturer's warranty is limited to defects in materials and factory workmanship of the base product only and does not cover failures related to water ingress, sealing integrity, or termination.



### POWER WIRE

**LLI-WIRE-18-2-WET** -

- R025** (16ft wire reel)
- R050** (50ft wire reel)
- R100** (100ft wire reel)
- R250** (250ft wire reel)
- R500** (500ft wire reel)

### WATERPROOF ENDCAPS AND SEALANT KIT

One (1) tube of silicone sealant included per kit

**LLI-WP-KIT-67** -  - **8MM**

- EC2** (2 power feed endcaps, 2 non-power endcaps)
- EC5** (5 power feed endcaps, 5 non-power endcaps)
- EC10** (10 power feed endcaps, 10 non-power endcaps)








## OVERALL LENGTH / CUT POINT GUIDE









Measurements listed below include extra 1" length required for IP67 silicone endcaps and power feed.

1.7"	2.3"	3.0"	3.6"	4.3"	4.9"	5.6"	6.3"	6.9"	7.6"	8.2"	8.9"
9.5"	10.2"	10.8"	11.5"	12.2"	12.8"	13.5"	14.1"	14.8"	15.4"	16.1"	16.8"
17.4"	18.1"	18.7"	19.4"	20.0"	20.7"	21.3"	22.0"	22.7"	23.3"	24.0"	24.6"
25.3"	25.9"	26.6"	27.3"	27.9"	28.6"	29.2"	29.9"	30.5"	31.2"	31.8"	32.5"
33.2"	33.8"	34.5"	35.1"	35.8"	36.4"	37.1"	37.8"	38.4"	39.1"	39.7"	40.4"
41.0"	41.7"	42.3"	43.0"	43.7"	44.3"	45.0"	45.6"	46.3"	46.9"	47.6"	48.3"
48.9"	49.6"	50.2"	50.9"	51.5"	52.2"	52.8"	53.5"	54.2"	54.8"	55.5"	56.1"
56.8"	57.4"	58.1"	58.8"	59.4"	60.1"	60.7"	61.4"	62.0"	62.7"	63.3"	64.0"
64.7"	65.3"	66.0"	66.6"	67.3"	67.9"	68.6"	69.3"	69.9"	70.6"	71.2"	71.9"
72.5"	73.2"	73.8"	74.5"	75.2"	75.8"	76.5"	77.1"	77.8"	78.4"	79.1"	79.8"
80.4"	81.1"	81.7"	82.4"	83.0"	83.7"	84.4"	85.0"	85.7"	86.3"	87.0"	87.6"
88.3"	88.9"	89.6"	90.3"	90.9"	91.6"	92.2"	92.9"	93.5"	94.2"	94.9"	95.5"
96.2"	96.8"	97.5"	98.1"	98.8"	99.4"	100.1"	100.8"	101.4"	102.1"	102.7"	103.4"
104.0"	104.7"	105.4"	106.0"	106.7"	107.3"	108.0"	108.6"	109.3"	109.9"	110.6"	111.3"
111.9"	112.6"	113.2"	113.9"	114.5"	115.2"	115.9"	116.5"	117.2"	117.8"	118.5"	119.1"
119.8"	120.4"	121.1"	121.8"	122.4"	123.1"	123.7"	124.4"	125.0"	125.7"	126.4"	127.0"
127.7"	128.3"	129.0"	129.6"	130.3"	130.9"	131.6"	132.3"	132.9"	133.6"	134.2"	134.9"
135.5"	136.2"	136.9"	137.5"	138.2"	138.8"	139.5"	140.1"	140.8"	141.4"	142.1"	142.8"
143.4"	144.1"	144.7"	145.4"	146.0"	146.7"	147.4"	148.0"	148.7"	149.3"	150.0"	150.6"
151.3"	151.9"	152.6"	153.3"	153.9"	154.6"	155.2"	155.9"	156.5"	157.2"	157.9"	158.5"
159.2"	159.8"	160.5"	161.1"	161.8"	162.4"	163.1"	163.8"	164.4"	165.1"	165.7"	166.4"
167.0"	167.7"	168.4"	169.0"	169.7"	170.3"	171.0"	171.6"	172.3"	173.0"	173.6"	174.3"
174.9"	175.6"	176.2"	176.9"	177.5"	178.2"	178.9"	179.5"	180.2"	180.8"	181.5"	182.1"
182.8"	183.5"	184.1"	184.8"	185.4"	186.1"	186.7"	187.4"	188.0"	188.7"	189.4"	190.0"
190.7"	191.3"	192.0"	192.6"	193.3"	194.0"	194.6"	195.3"	195.9"	196.6"	197.2"	197.9"

# 8MM COB 3.1W LED TAPELIGHT - IP67

## EXTRUSIONS (OPTIONAL)

SURFACE			
EXTRUSION	PROFILE	H x W (IN)	APPEARANCE*
Angled 2 (ANG2)		1.2" x 1.2"	Uniform
Dome (DOM)		0.8" x 0.8"	Uniform
Deep Wide (DPW)		0.6" x 0.9"	Uniform
Icon 1 (IC1)		1.0" X 1.0"	Uniform
**Icon 2 (IC2)		1.4" x 2.0"	Uniform
Icon (ICN)		1.4" x 1.4"	Uniform
Icon Side (ICS)		1.7" x 1.4"	Uniform

RECESSED			
EXTRUSION	PROFILE	H x W (IN)	APPEARANCE*
Icon 1 Flanged (IC1F)		1.0" X 1.4"	Uniform
**Icon 2 Flanged (IC2F)		1.4" x 2.6"	Uniform
Icon Flanged (ICF)		1.4" x 2.0"	Uniform
Seamless Cove (SCV)		1.4" x 3.8"	Uniform
Seamless Cove 2 (SCV2)		2.0" x 3.8"	Uniform
Seamless 1.0 (SM1)		0.6" x 2.4"	Uniform
Seamless Top Bend (ST1)		0.7" x 2.8"	Uniform
Seamless Wall Washer (SWW)		1.5" x 3.7"	Uniform

ALL EXTRUSIONS

\* Appearance of diodes varies depending on the Tapelight & Extrusion combination used. Diode visibility tested at 100% output with frosted lens. Diodes may become more visible as tapelight dims.

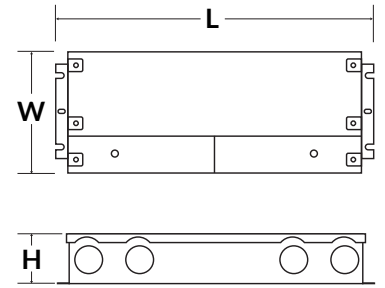


\*\* Two rows of tapelight recommended. Tapelights are sidewall-mounted in Seamless 1.5 (SM1.5) and Seamless 2.0 (SM2).

**DIMMABLE ELECTRONIC 0-10V** 

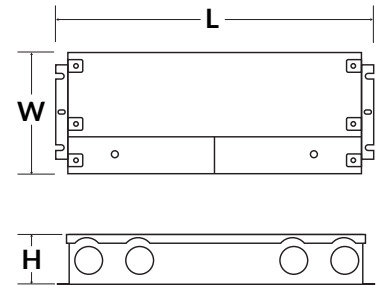
Optimal performance dims to 0%.\*

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** 

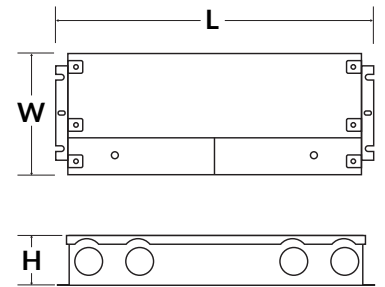
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-NDE-030W-24V-KO	30W	100-277V	24V	CLASS 2	IP66 WET	6.5"	3.5"	1.02"
LLI-PS-NDE-060W-24V-KO	60W	100-277V	24V	CLASS 2	IP66 WET	7.4"	3.5"	1.2"
LLI-PS-NDE-096W-24V-KO	96W	100-277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-NDE-192W-24V-CL2-KO	2x96W	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"




**UNIVERSAL DIMMABLE ELECTRONIC FLICKER-FREE** 

Optimal performance dims to 0-2%.

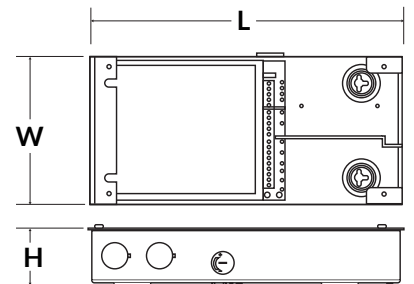
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-UDIMM-030W-24V-KO	30W	110-277V	24V	CLASS 2	IP66 WET	6.5"	3.6"	1.0"
LLI-PS-UDIMM-060W-24V-KO	60W	110-277V	24V	CLASS 2	IP66 WET	7.4"	3.6"	1.0"
LLI-PS-UDIMM-096W-24V-KO	96W	110-277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.6"
LLI-PS-UDIMM-192W-24V-CL2-KO	2x96W	110-277V	24V	CLASS 2	IP66 WET	10.9"	4.3"	1.9"
LLI-PS-UDIMM-200W-24V-KO	200W	110-277V	24V	CLASS 1	IP66 WET	10.2"	4.1"	1.8"
LLI-PS-UDIMM-288W-24V-CL2-KO	3x96W	110-277V	24V	CLASS 2	IP66 WET	11.9"	4.3"	1.9"
LLI-PS-UDIMM-300W-24V-KO	300W	110-277V	24V	CLASS 1	IP66 WET	11.0"	4.3"	1.8"



**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.