

# 5MM COB 2.5W LED TAPELIGHT - IP20

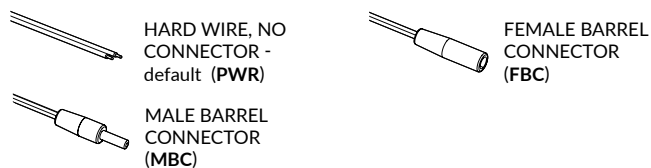


## TECHNICAL INFORMATION

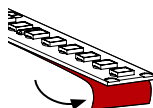
NOTE: All data has +/- 5% tolerance.

WATTAGE	2.5W per foot
IP RATING	IP20 - dry locations
OUTPUT	2400K - 178 lm/ft 2700K - 183 lm/ft 3000K - 195 lm/ft 3500K - 200 lm/ft 4200K - 210 lm/ft 5200K - 215 lm/ft
INPUT VOLTAGE	24VDC
CRI	90+
OPERATING TEMP.	-13 ° to 140 ° F
CUT LENGTH	Every 1.97"
MAXIMUM RUN	16 feet
DIMENSIONS	0.20" W x 0.07" H (5mm x 1.8mm)
ADHESIVE BACKING	Yes - VHB
LIFESPAN	50,000 hrs
WARRANTY	5 year limited
POWER SUPPLY	Compatible with all 24VDC power supplies -- see page 3

### LEAD TYPES



### MOUNTING



VHB ADHESIVE BACKING (included)

### EXTRUSIONS



ARCHITECTURAL EXTRUSIONS (sold separately, see page 2, or see [website](#) for all options)

## ORDERING GUIDE

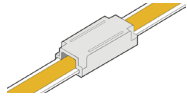
← PRODUCT CODE						OPTIONAL CODE →	
SERIES	IP RATING	COLOR	VOLTAGE	WIDTH	LENGTH	POWER FEED	
LLI-LCOB2.5W	20		24V	5MM		LEAD TYPE	LEAD LENGTH
		24K (178 lm/ft)			(enter length in inches, up to 196")		
		27K (183 lm/ft)			R016* 16ft reel		
		30K (195 lm/ft)					
		35K (200 lm/ft)					
		42K (210 lm/ft)					
		52K (215 lm/ft)					
						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
						N/A*	No lead attached

Example part number: LLI-LCOB2.5W-20-35K-24V-90-96in  
Default 48in power wire (PWR48) included on all custom lengths. Use OPTIONAL section to specify other power feed(s).  
\*Reels do not include power feed unless specified.

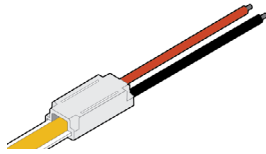
\*Compatible with DIY connectors, see page 2

# 5MM COB 2.5W LED TAPELIGHT - IP20

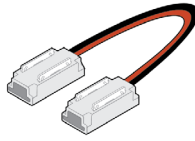
## DIY CONNECTORS (OPTIONAL)



TAPE-TO-TAPE  
COB CONNECTOR  
LLI-CB-LL-SC-5MM  
Do not exceed 4A



TAPE-TO-WIRE, 6IN WIRE  
COB CONNECTOR  
LLI-CB-CON-SC-5MM-6IN  
Do not exceed 4A  
6" wire included



TAPE-TO-TAPE, 6IN  
JUMPER COB CONNECTOR  
LLI-CB-COR-SC-5MM-6IN  
Do not exceed 4A  
6" wire included

## OVERALL LENGTH / CUT POINT GUIDE

2.0"	3.9"	5.9"	7.9"	9.8"	11.8"	13.8"	15.7"	17.7"	19.7"	21.7"	23.6"
25.6"	27.6"	29.5"	31.5"	33.5"	35.4"	37.4"	39.4"	41.3"	43.3"	45.3"	47.2"
49.2"	51.2"	53.1"	55.1"	57.1"	59.1"	61.0"	63.0"	65.0"	66.9"	68.9"	70.9"
72.8"	74.8"	76.8"	78.7"	80.7"	82.7"	84.6"	86.6"	88.6"	90.6"	92.5"	94.5"
96.5"	98.4"	100.4"	102.4"	104.3"	106.3"	108.3"	110.2"	112.2"	114.2"	116.1"	118.1"
120.1"	122.0"	124.0"	126.0"	128.0"	129.9"	131.9"	133.9"	135.8"	137.8"	139.8"	141.7"
143.7"	145.7"	147.6"	149.6"	151.6"	153.5"	155.5"	157.5"	159.4"	161.4"	163.4"	165.4"
167.3"	169.3"	171.3"	173.2"	175.2"	177.2"	179.1"	181.1"	183.1"	185.0"	187.0"	189.0"
190.9"	192.9"	194.9"	196.9"								

## EXTRUSIONS (OPTIONAL)

SURFACE			
EXTRUSION	PROFILE	H x W (IN)	APPEARANCE*
Micro (MIC)		0.35" x 0.31"	Uniform

RECESSED			
EXTRUSION	PROFILE	H x W (IN)	APPEARANCE*
Micro Flanged (MCF)		0.55" x 0.35"	Uniform
Recessed Angled (RAN)		0.41" x 0.94"	Uniform
Seamless Micro (SMM)		0.47" x 1.85"	Uniform

\* 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.

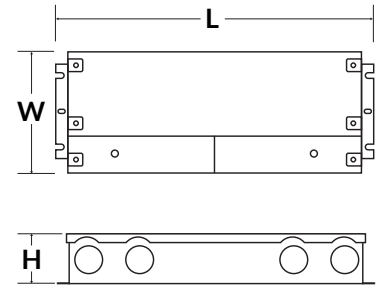


### ALL EXTRUSIONS

**DIMMABLE ELECTRONIC 0-10V** 

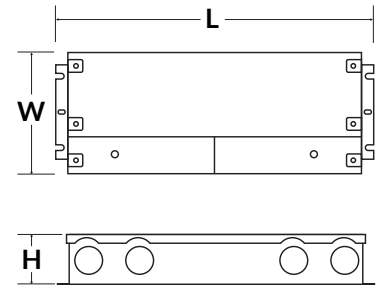
Optimal performance dims to 0%.\*

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** 

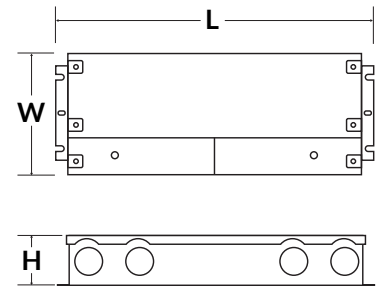
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-NDE-030W-24V-KO	30W	100-277V	24V	CLASS 2	IP66 WET	6.5"	3.5"	1.02"
LLI-PS-NDE-060W-24V-KO	60W	100-277V	24V	CLASS 2	IP66 WET	7.4"	3.5"	1.2"
LLI-PS-NDE-096W-24V-KO	96W	100-277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-NDE-192W-24V-CL2-KO	2x96W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

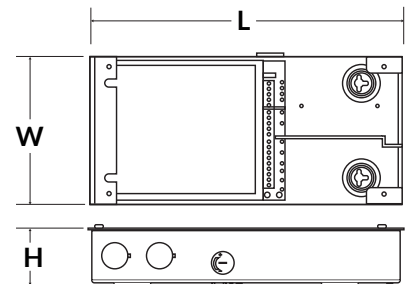
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-UDIMM-030W-24V-KO	30W	110-277V	24V	CLASS 2	IP66 WET	6.5"	3.6"	1.0"
LLI-PS-UDIMM-060W-24V-KO	60W	110-277V	24V	CLASS 2	IP66 WET	7.4"	3.6"	1.0"
LLI-PS-UDIMM-096W-24V-KO	96W	110-277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.6"
LLI-PS-UDIMM-192W-24V-CL2-KO	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.