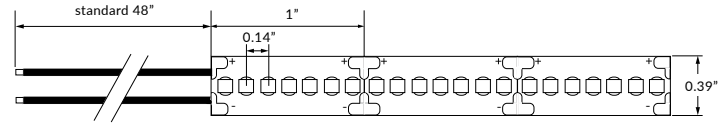


# TIGHT PITCH 5.0W LED TAPELIGHT - IP65

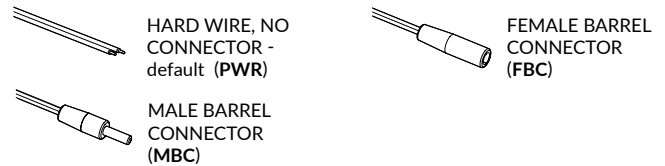


## TECHNICAL INFORMATION

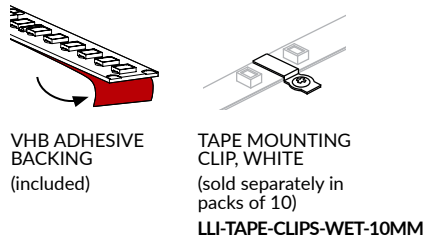
NOTE: All data has +/- 5% tolerance.

|                  |  |
|------------------|--|
| WATTAGE          | 5.0W per foot  |
| IP RATING        | IP65 - wet locations. Not suitable for submersion, limited protection against harsh environments.              |
| OUTPUT           | 22K - 359 lm/ft<br>27K - 378 lm/ft<br>30K - 397 lm/ft<br>35K - 417 lm/ft<br>42K - 438 lm/ft<br>52K - 459 lm/ft |
| INPUT VOLTAGE    | 24VDC  |
| OPERATING TEMP.  | -13° to 140° F   |
| CRI              | 90+  |
| CUT LENGTH       | Every 1", or every 7 LEDs  |
| MAXIMUM RUN      | 13 feet  |
| DIMENSIONS       | 0.4" W x 0.08" H (10mm x 2.0mm)  |
| ADHESIVE BACKING | Yes - thermal transfer tape  |
| LIFESPAN         | 50,000 hrs   |
| WARRANTY         | 3 year limited   |
| POWER SUPPLY     | Compatible with all 24VDC power supplies -- see page 3   |

### LEAD TYPES



### MOUNTING



### EXTRUSIONS



## ORDERING GUIDE

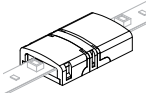
| ← PRODUCT CODE |             |                 |         |     |                                      | OPTIONAL CODE →                                  |                                     |
|----------------|-------------|-----------------|---------|-----|--------------------------------------|--|-------------------------------------|
| SERIES         | IP RATING   | COLOR           | VOLTAGE | CRI | LENGTH                               | POWER FEED                                       |                                     |
| LEAD TYPE      | LEAD LENGTH |                 |         |     |                                      |  |                                     |
| LLI-LTP5.0W    | 65          |                 | 24V     | 90  |                                      | Default [blank] - 48" hard wire end feed (PWR48) |                                     |
|                |             | 22K (359 lm/ft) |         |     | (enter length in inches, up to 156") | PWR Hard wire (no connector)                     | Enter desired wire length in inches |
|                |             | 27K (378 lm/ft) |         |     |                                      | MBC Male barrel connector                        |                                     |
|                |             | 30K (397 lm/ft) |         |     |                                      | FBC Female barrel connector                      |                                     |
|                |             | 35K (417 lm/ft) |         |     |                                      | N/A ^ No lead attached                           |                                     |
|                |             | 42K (438 lm/ft) |         |     |                                      | ^Compatible with DIY connectors, see page 2      |                                     |
|                |             | 52K (459 lm/ft) |         |     |                                      |  |                                     |

Example part number: LLI-LTP5.0W-65-35K-24V-90-96in  
 Default 48in power wire (PWR48) included on all custom lengths. Use OPTIONAL section to specify other power feed(s).

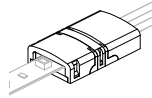
# TIGHT PITCH 5.0W LED TAPELIGHT - IP65

## DIY CONNECTORS (OPTIONAL)

Solderless connectors for quick in-field connection. DIY connectors are not compatible with all mounting extrusions. Reference [compatibility chart](#) for product compatibility.



TAPE-TO-TAPE  
GRIPPER CONNECTOR,  
BLACK/CLEAR  
**LLI-GCRD-LL-SC**



TAPE-TO-WIRE  
GRIPPER CONNECTOR,  
BLACK/CLEAR  
**LLI-GCRD-LW-SC**

## OVERALL LENGTH / CUT POINT GUIDE

|        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1.0"   | 2.0"   | 3.0"   | 3.9"   | 4.9"   | 5.9"   | 6.9"   | 7.9"   | 8.9"   | 9.8"   | 10.8"  | 11.8"  |
| 12.8"  | 13.8"  | 14.8"  | 15.7"  | 16.7"  | 17.7"  | 18.7"  | 19.7"  | 20.7"  | 21.7"  | 22.6"  | 23.6"  |
| 24.6"  | 25.6"  | 26.6"  | 27.6"  | 28.5"  | 29.5"  | 30.5"  | 31.5"  | 32.5"  | 33.5"  | 34.4"  | 35.4"  |
| 36.4"  | 37.4"  | 38.4"  | 39.4"  | 40.4"  | 41.3"  | 42.3"  | 43.3"  | 44.3"  | 45.3"  | 46.3"  | 47.2"  |
| 48.2"  | 49.2"  | 50.2"  | 51.2"  | 52.2"  | 53.1"  | 54.1"  | 55.1"  | 56.1"  | 57.1"  | 58.1"  | 59.1"  |
| 60.0"  | 61.0"  | 62.0"  | 63.0"  | 64.0"  | 65.0"  | 65.9"  | 66.9"  | 67.9"  | 68.9"  | 69.9"  | 70.9"  |
| 71.9"  | 72.8"  | 73.8"  | 74.8"  | 75.8"  | 76.8"  | 77.8"  | 78.7"  | 79.7"  | 80.7"  | 81.7"  | 82.7"  |
| 83.7"  | 84.6"  | 85.6"  | 86.6"  | 87.6"  | 88.6"  | 89.6"  | 90.6"  | 91.5"  | 92.5"  | 93.5"  | 94.5"  |
| 95.5"  | 96.5"  | 97.4"  | 98.4"  | 99.4"  | 100.4" | 101.4" | 102.4" | 103.3" | 104.3" | 105.3" | 106.3" |
| 107.3" | 108.3" | 109.3" | 110.2" | 111.2" | 112.2" | 113.2" | 114.2" | 115.2" | 116.1" | 117.1" | 118.1" |
| 119.1" | 120.1" | 121.1" | 122.0" | 123.0" | 124.0" | 125.0" | 126.0" | 127.0" | 128.0" | 128.9" | 129.9" |
| 130.9" | 131.9" | 132.9" | 133.9" | 134.8" | 135.8" | 136.8" | 137.8" | 138.8" | 139.8" | 140.7" | 141.7" |
| 142.7" | 143.7" | 144.7" | 145.7" | 146.7" | 147.6" | 148.6" | 149.6" | 150.6" | 151.6" | 152.6" | 153.5" |
| 154.5" | 155.5" |        |        |        |        |        |        |        |        |        |        |

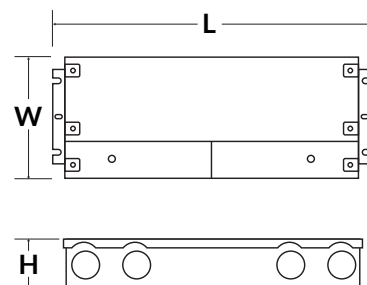
**POWER SUPPLIES** SOLD SEPARATELY

**DIMMABLE ELECTRONIC 0-10V**

Optimal performance dims to 0%.\*



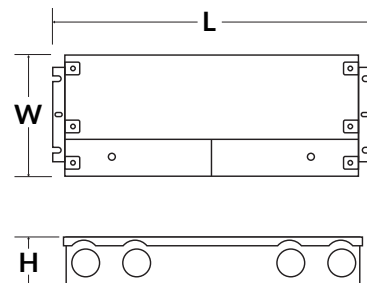
| PART NUMBER              | CAPACITY | INPUT        | OUTPUT | CLASS   | LOCATION | L     | W    | H    |
|--------------------------|----------|--------------|--------|---------|----------|-------|------|------|
| LLI-PS-DE010-030W-24V-KO | 30W      | 120V or 277V | 24V    | CLASS 2 | IP66 WET | 6.5"  | 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-DE010-200W-24V-KO | 200W     | 120V or 277V | 24V    | CLASS 1 | IP66 WET | 10.2" | 4.1" | 1.8" |
| 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-200W-24V-KO | 200W     | 100-277V | 24V    | CLASS 1 | IP66 WET | 10.3" | 4.1" | 1.8"  |
| LLI-PS-NDE-300W-24V-KO | 300W     | 100-277V | 24V    | CLASS 1 | IP66 WET | 10.9" | 4.3" | 1.8"  |

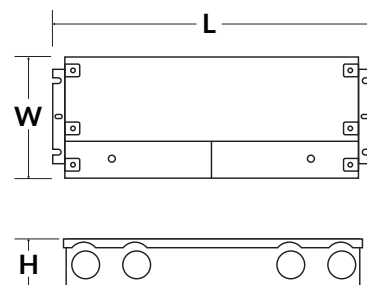


**DIMMABLE ELECTRONIC FLICKER-FREE**

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-200W-24V-KO | 200W     | 110-277V | 24V    | CLASS 1 | IP66 WET | 10.2" | 4.1" | 1.8" |
| LLI-PS-UDEFF-300W-24V-KO | 300W     | 110-277V | 24V    | CLASS 1 | IP66 WET | 11.0" | 4.3" | 1.8" |

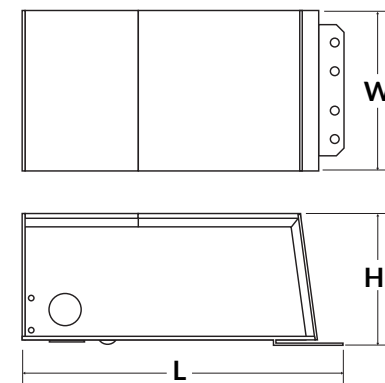


**DIMMABLE MAGNETIC**

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" |

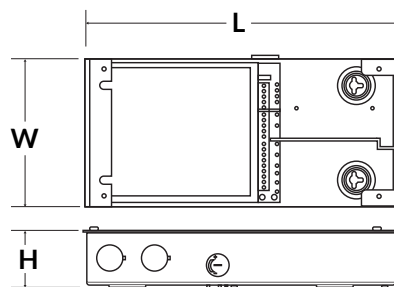


**LUTRON HI-LUME PREMIER 0.1% DIMMABLE ELECTRONIC**

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.