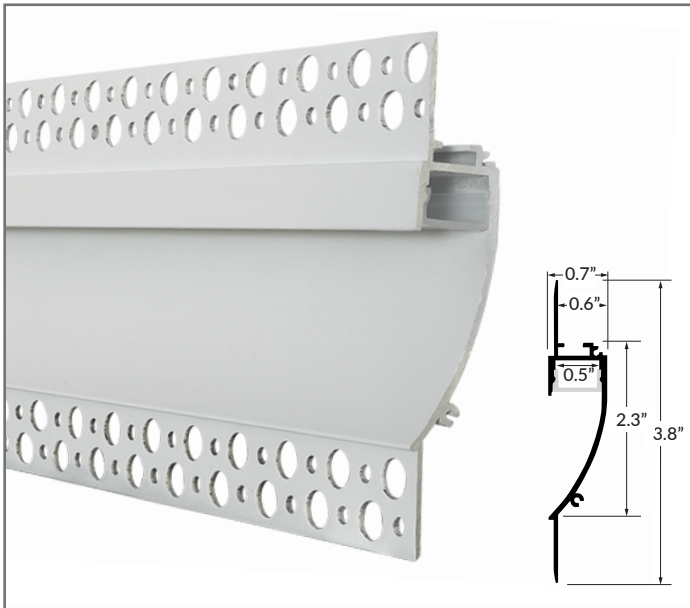




## SEAMLESS CURVE EXTRUSION + LED TAPELIGHT



5 YEAR  
LIMITED  
WARRANTY



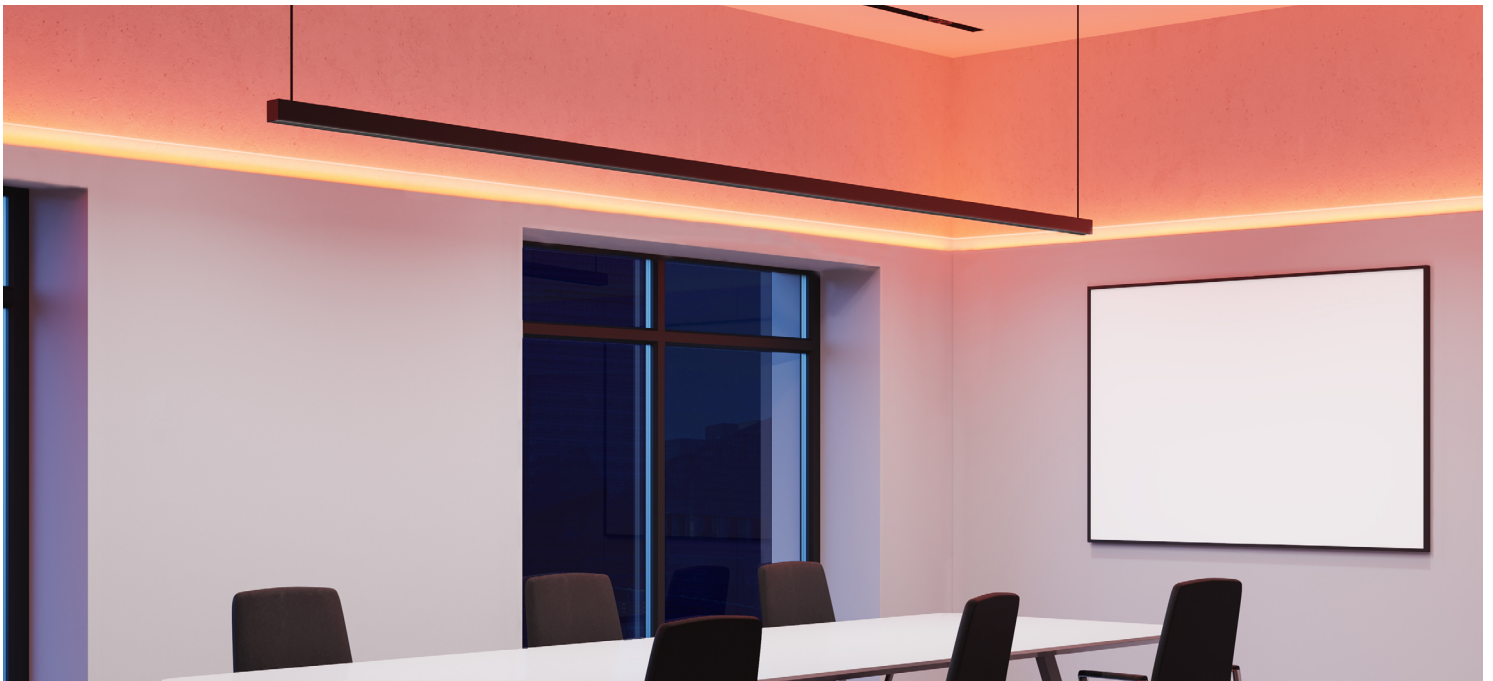
ASSEMBLED IN THE  
USA

### SPECIFICATIONS

|               |                                                                                                                                                                           |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FINISH        | White Powder Coat                                                                                                                                                         |
| LENS          | Frosted                                                                                                                                                                   |
| WATTAGE       | 0.75W/ft to 7.6W/ft                                                                                                                                                       |
| IP RATING     | IP20, IP65 - rating applies to tapelight, see page 2 for details                                                                                                          |
| CCT / COLOR   | 2200K - 5200K; RGB; RGBW; tunable white; warm fade                                                                                                                        |
| BEAM SPREAD   | 63° 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        | 50 to 519 lm/ft                                                                                                                                                           |
| LEDS          | Single binned LEDs +/- 30-70 CCT, MacAdam 3 SDCM                                                                                                                          |
| MATERIAL      | Extrusion - Anodized aluminum; Lens - Polycarbonate                                                                                                                       |
| MOUNTING      | Mounting screws and plaster (not included)                                                                                                                                |
| POWER SUPPLY  | Requires a 24V power supply - see page 5                                                                                                                                  |
| WARRANTY      | IP20 - 5 year limited, IP65 - 3 year limited                                                                                                                              |

### FEATURES & RECOMMENDED APPLICATIONS

Mud-in extrusion with an uplight or downlight orientation. The exposed curve enhances the appearance of the LED tapelight. Ideal for accents and general lighting.



PRODUCT: LLI-SMC-WF-C4.4W-AMB-24V-96IN

# SEAMLESS CURVE EXTRUSION + LED TAPELIGHT

## ORDERING GUIDE

← PRODUCT CODE

|                           |                                                |                                                |                                                                     |                                                                           |                                                                                                                          |                     |                                                                                                                                                                                                                               |
|---------------------------|------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PROFILE<br><b>LLI-SMC</b> | 1a. FINISH<br><b>W</b><br><small>White</small> | 1b. LENS<br><b>F</b><br><small>Frosted</small> | 2. LED<br><b>H4.4W</b><br><small>WATTS/FT<br/>0.75-7.6 W/ft</small> | 3. IP RATING*<br><b>65</b><br><small>[blank] - IP20<br/>65 - IP65</small> | 4. CCT / COLOR<br><b>30K</b><br><small>22K-52K<br/>Warm Fade<br/>Tunable White<br/>Static Color<br/>RGB<br/>RGBW</small> | INPUT<br><b>24V</b> | 5. LENGTH<br><b>48IN</b><br><small>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.</small> |
|---------------------------|------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

OPTIONAL →

|                |                |              |
|----------------|----------------|--------------|
| POWER FEED     |                |              |
| 6. LEAD TYPE   | 7. LEAD LENGTH | 8. FEED TYPE |
| <b>[blank]</b> |                |              |

Default [blank] - 48" hard wire end feed (PWR48EF)

Refer to section 7 on the next page for an alternate power feed configuration.

Example part number: **LLI-SMC-WF-H4.4W-65-35K-24V-48IN**

More LED tapelight and color options available upon request. Visit [www.llialighting.com](http://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

### 2-4. LED TAPELIGHT OPTIONS

|                             |                                 |                              |
|-----------------------------|---------------------------------|------------------------------|
| 2. LED CODE<br><b>H4.4W</b> | 3. IP RATING*<br><b>[blank]</b> | 4. CCT / COLOR<br><b>30K</b> |
| For IP20, leave [blank].    |                                 |                              |

#### TECHNICAL DATA

|                                 | WATTAGE   | DELIVERED LM/FT @ 30K <sup>^</sup> | FROSTED LENS APPEARANCE** | CRI | MAX. RUN | CUT POINTS* |
|---------------------------------|-----------|------------------------------------|---------------------------|-----|----------|-------------|
| <b>T0.75W</b> (White)           | 0.75 W/ft | 50 lm/ft                           | UNIFORM                   | 90+ | 26 ft    | 1"          |
| <b>1.5W</b> (White)             | 1.5 W/ft  | 93 lm/ft                           | IMAGING                   | 90+ | 60 ft*   | 3.9"        |
| <b>T1.5W</b> (White)            | 1.5 W/ft  | 101 lm/ft                          | UNIFORM                   | 90+ | 26 ft    | 1"          |
| ★ <b>2.5W</b> (White)           | 2.5 W/ft  | 123 lm/ft                          | SEMI-UNIFORM              | 90+ | 32 ft    | 2"          |
| <b>2.2W</b> (White)             | 2.2 W/ft  | 124 lm/ft                          | IMAGING                   | 90+ | 60 ft*   | 3.9"        |
| <b>T2.5W</b> (White)            | 2.5 W/ft  | 133 lm/ft                          | UNIFORM                   | 90+ | 20 ft    | 1"          |
| <b>3.5W</b> (White)             | 3.5 W/ft  | 157 lm/ft                          | SEMI-UNIFORM              | 90+ | 40 ft    | 2.5"        |
| ♦ <b>WF3.5W</b> (Warm Fade)     | 3.5 W/ft  | 176 lm/ft                          | SEMI-UNIFORM              | 90+ | 16 ft    | 2.5"        |
| <b>TW2.7W</b> (Tunable White)   | 2.7 W/ft  | 182 lm/ft                          | SEMI-UNIFORM              | 90+ | 26 ft    | 3.3"        |
| ★ <b>4.4W</b> (White)           | 4.4 W/ft  | 191 lm/ft                          | SEMI-UNIFORM              | 90+ | 32 ft    | 2"          |
| <b>H3.5W</b> (White)            | 3.5 W/ft  | 237 lm/ft                          | UNIFORM                   | 90+ | 26 ft    | 2.5"        |
| <b>T5.0W</b> (White)            | 5.0 W/ft  | 256 lm/ft                          | UNIFORM                   | 90+ | 13 ft    | 1"          |
| ★ <b>R5.4W</b> (White, High R9) | 5.4 W/ft  | 305 lm/ft                          | UNIFORM                   | 95+ | 16 ft    | 1"          |
| ★ <b>H4.4W</b> (White)          | 4.4 W/ft  | 305 lm/ft                          | UNIFORM                   | 90+ | 32 ft    | 2"          |
| <b>TW5.3W</b> (Tunable White)   | 5.3 W/ft  | 318 lm/ft                          | UNIFORM                   | 90+ | 16 ft    | 3.3"        |
| <b>H5.3W</b> (White)            | 5.3 W/ft  | 444 lm/ft                          | UNIFORM                   | 90+ | 16 ft    | 2"          |
| ★ <b>HO5.9W</b> (White)         | 5.9 W/ft  | 519 lm/ft                          | UNIFORM                   | 90+ | 16 ft    | 2"          |
| <b>C2.2W</b> (Static Color)     | 2.2 W/ft  | N/A                                | IMAGING                   | —   | 60 ft    | 3.9"        |
| <b>C4.4W</b> (Static Color)     | 4.4 W/ft  | N/A                                | SEMI-UNIFORM              | —   | 32 ft    | 2"          |
| <b>CC4.4W</b> (RGB)             | 4.4 W/ft  | 69 lm/ft                           | IMAGING                   | —   | 32 ft    | 3.9"        |
| <b>TC4.4W</b> (RGB)             | 4.4 W/ft  | 100 lm/ft                          | SEMI-UNIFORM              | —   | 32 ft    | 2"          |
| ★ <b>CC5.9W</b> (RGB)           | 5.9 W/ft  | 186 lm/ft                          | UNIFORM                   | —   | 32 ft    | 2.8"        |
| <b>CW5.8W</b> (RGBW)            | 5.8 W/ft  | 168 lm/ft                          | IMAGING                   | 80+ | 32 ft    | 3.9"        |
| <b>CW7.0W</b> (RGBW)            | 7.0 W/ft  | 194 lm/ft                          | SEMI-UNIFORM              | 90+ | 28 ft    | 2.5"        |
| ★ <b>CW7.6W</b> (RGBW)          | 7.6 W/ft  | 205 lm/ft                          | UNIFORM                   | 90+ | 16 ft    | 2.5"        |

\* 1.5W and 2.2W IP65 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.

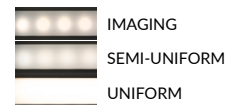
\*\* Diode visibility data tested at 100% output. Diodes may become more visible as tapelight dims.

<sup>^</sup> 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](http://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.



# SEAMLESS CURVE 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.<br>LEAD TYPE | 7.<br>LEAD LENGTH | 8.<br>FEED TYPE |
|-----------------|-------------------|-----------------|
| [blank]         | [blank]           | [blank]         |

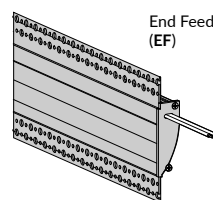
Default [blank] - 48" hard wire rear feed (PWR48RF)

**PWR** Hard wire  
**MBC\*** Male barrel  
**FBC\*** Female barrel

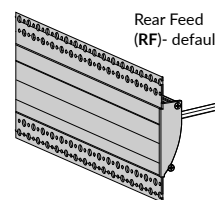
Enter desired wire  
length in inches.

**EF** End Feed  
**RF** Rear Feed

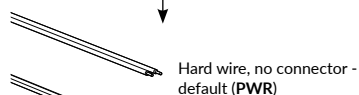
STANDARD 48" HARD WIRE REAR FEED INCLUDED  
UNLESS OTHERWISE SPECIFIED



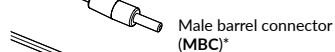
End Feed  
(EF)



Rear Feed  
(RF)- default



Hard wire, no connector -  
default (PWR)



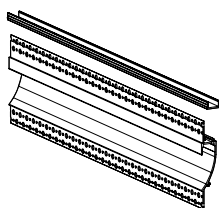
Male barrel connector  
(MBC)\*



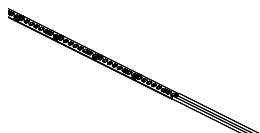
Female barrel connector  
(FBC)\*

\*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 CURVE 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             |

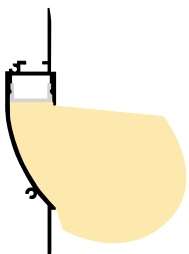
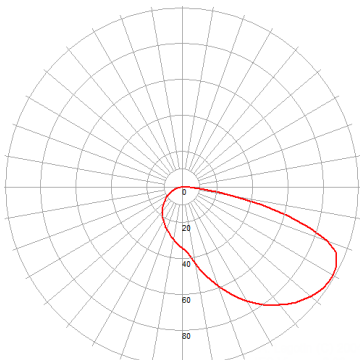
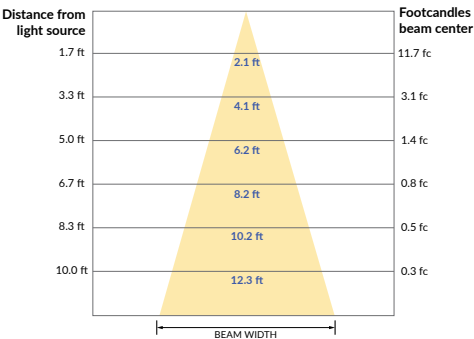
| IP RATING | LUMEN MULTIPLIER |
|-----------|------------------|
| IP20      | 1                |
| IP65      | 0.9              |

**EXAMPLE: Extrusion with 4.4W, IP65, 5200K**

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

|           |   |      |   |     |   |           |
|-----------|---|------|---|-----|---|-----------|
| 191 lm/ft | x | 1.25 | x | 0.9 | = | 215 lm/ft |
|-----------|---|------|---|-----|---|-----------|

## PHOTOMETRY

| LLI-SMC-WF-4.4W-30K-24V* |           | BEAM SPREAD                                                                                       | POLAR CHART                                                                          | CONICAL CHART                                                                                                             |
|--------------------------|-----------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| POWER (W/ft)             | 4.4W      | <b>63°</b><br> |  | <b>ILLUMINANCE AT A DISTANCE</b><br> |
| OUTPUT (lm/ft)           | 191 lm/ft |                                                                                                   |                                                                                      |                                                                                                                           |
| COLOR TEMPERATURE        | 3000K     |                                                                                                   |                                                                                      |                                                                                                                           |
| BEAM SPREAD              | 63°       |                                                                                                   |                                                                                      |                                                                                                                           |
| EFFICACY (lm/W)          | 43 lm/W   |                                                                                                   |                                                                                      |                                                                                                                           |

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

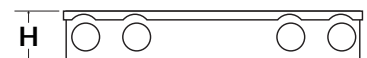
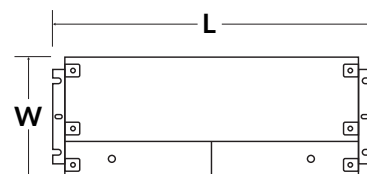
## POWER SUPPLIES SOLD SEPARATELY

### DIMMABLE ELECTRONIC 0-10V

Optimal performance dims to 0%.\*



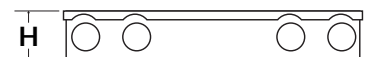
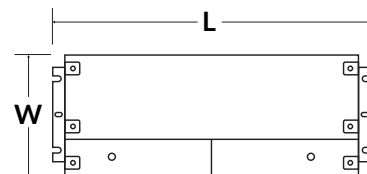
| PART NUMBER                  | CAPACITY | INPUT        | OUTPUT | CLASS   | LOCATION | L     | W    | H    |
|------------------------------|----------|--------------|--------|---------|----------|-------|------|------|
| LLI-PS-DE010-030W-24V-KO     | 30W      | 120V or 277V | 24V    | CLASS 2 | IP66 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"  |

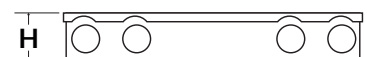
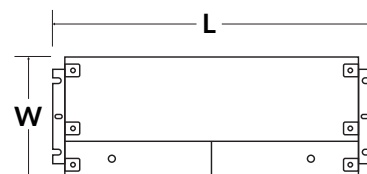


### DIMMABLE ELECTRONIC FLICKER-FREE

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" |

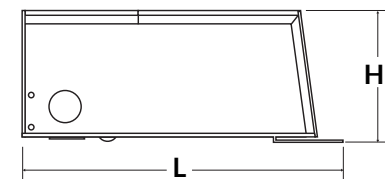
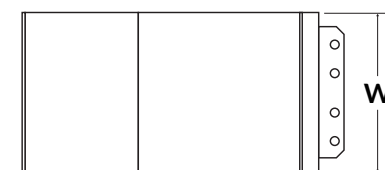


### DIMMABLE MAGNETIC

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" |

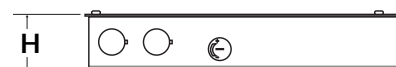
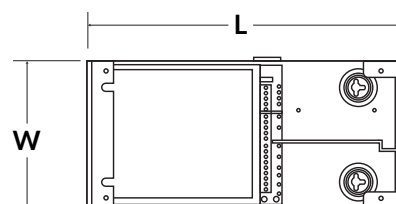


### LUTRON HI-LUME PREMIER 0.1% DIMMABLE ELECTRONIC

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)

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