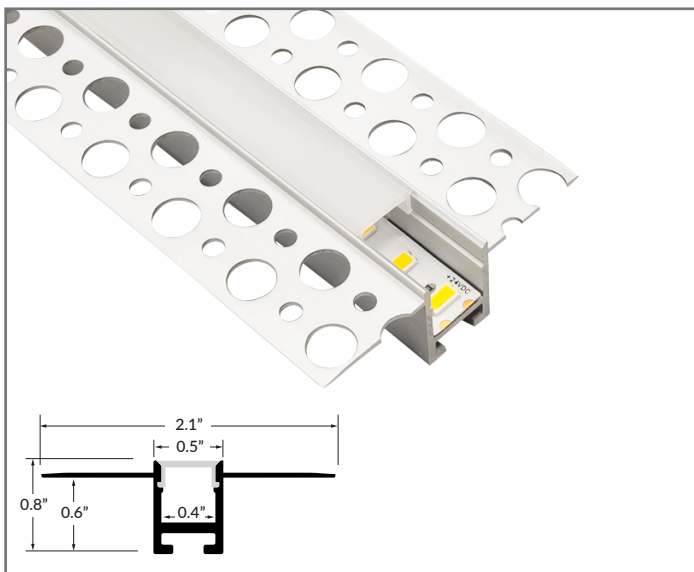


# SEAMLESS 0.5 EXTRUSION + LED TAPELIGHT



5 YEAR  
LIMITED  
WARRANTY

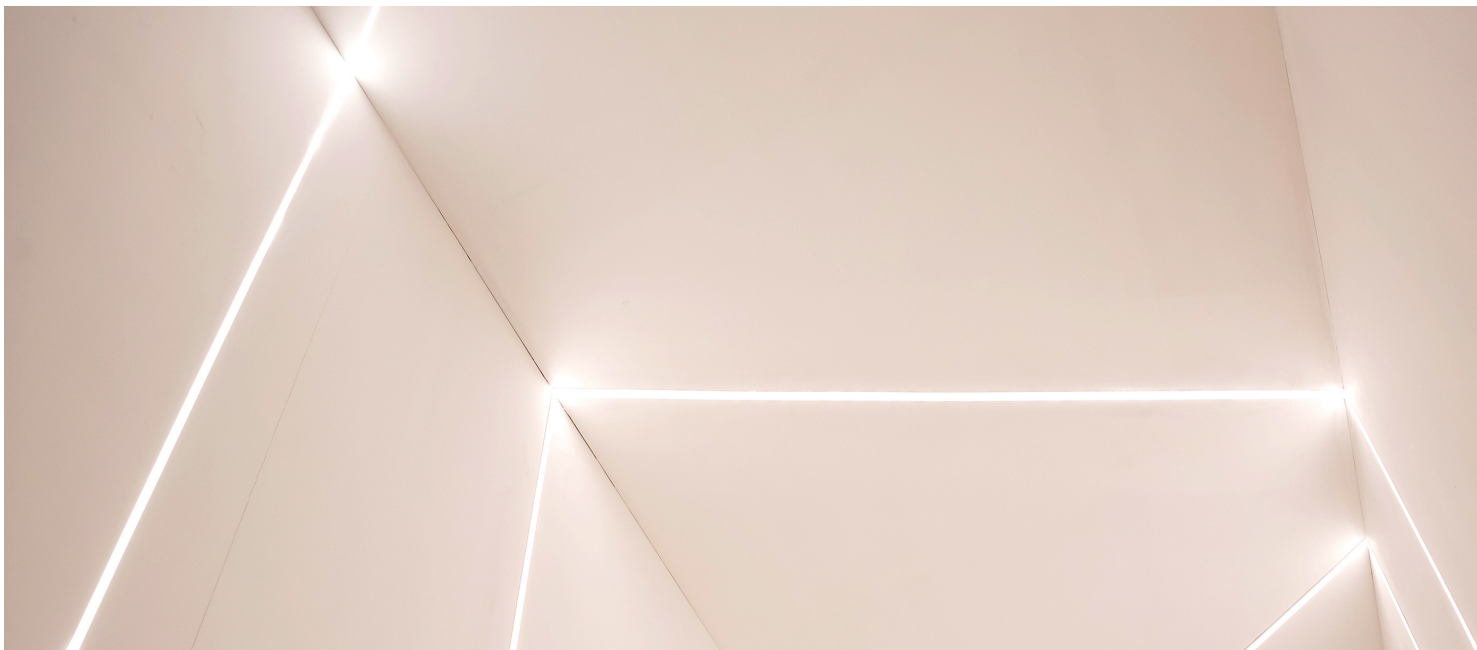


## SPECIFICATIONS

|               |                                                                                                                                                                           |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FINISH        | Silver Anodized                                                                                                                                                           |
| LENS          | Frosted                                                                                                                                                                   |
| WATTAGE       | 0.75W/ft to 5.9W/ft                                                                                                                                                       |
| IP RATING     | IP20, IP65 – rating applies to tapelight, see page 2 for details                                                                                                          |
| CCT / COLOR   | 2200K - 5200K; RGB; tunable white; warm fade                                                                                                                              |
| BEAM SPREAD   | 114° 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        | 46 to 474 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 a 0.5" lens that enables thin lines of light to be built into drywall ceilings and walls. Versatile and ideal for general lighting, accents, displays, and signage.



PRODUCT: LLI-SML-SF-H5.9W-30K-24V-60IN

# SEAMLESS 0.5 EXTRUSION + LED TAPELIGHT

## ORDERING GUIDE

← PRODUCT CODE

| PROFILE | 1a. FINISH | 1b. LENS | 2. LED                    | 3. IP RATING*               | 4. CCT / COLOR                                               | INPUT | 5. LENGTH                                                                                                                                                                          |
|---------|------------|----------|---------------------------|-----------------------------|--------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LLI-SML | S          | F        | H4.4W                     | [blank] - IP20<br>65 - IP65 | 30K                                                          | 24V   | 48IN                                                                                                                                                                               |
|         | Silver     | Frosted  | WATTS/FT<br>0.75-5.9 W/ft |                             | 22K-52K<br>Warm Fade<br>Tunable White<br>Static Color<br>RGB |       | 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. |

Example part number: LLI-SML-SF-H4.4W-65-35K-24V-48IN

OPTIONAL →

| POWER FEED                                                                     |                |              |
|--------------------------------------------------------------------------------|----------------|--------------|
| 6. LEAD TYPE                                                                   | 7. LEAD LENGTH | 8. FEED TYPE |
| [blank]                                                                        |                |              |
| Default [blank] - 48" hard wire rear feed (PWR48RF)                            |                |              |
| Refer to section 7 on the next page for an alternate power feed configuration. |                |              |

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

S

**S** Silver Anodized finish

1b. LENS

F

**F** Frosted lens

### 2-4. LED TAPELIGHT OPTIONS

2. LED CODE

H4.4W

3. IP RATING\*

[blank]

4. CCT / COLOR

30K

For IP20, leave [blank].

|   | 2. LED CODE            | 3. IP RATING* | 4. CCT / COLOR                                | WATTAGE   | DELIVERED LM/FT @ 30K^ | FROSTED LENS APPEARANCE** | CRI | MAX. RUN | CUT POINTS* |
|---|------------------------|---------------|-----------------------------------------------|-----------|------------------------|---------------------------|-----|----------|-------------|
|   | T0.75W (White)         | 20 / 65       | 22K / 27K / 30K / 35K / 42K / 52K             | 0.75 W/ft | 46 lm/ft               | UNIFORM                   | 90+ | 26 ft    | 1"          |
|   | 1.5W (White)           | 20 / 65*      | 22K / 27K / 30K / 35K / 42K / 52K             | 1.5 W/ft  | 85 lm/ft               | SEMI-UNIFORM              | 90+ | 60 ft*   | 3.9"        |
|   | T1.5W (White)          | 20 / 65       | 22K / 27K / 30K / 35K / 42K / 52K             | 1.5 W/ft  | 92 lm/ft               | UNIFORM                   | 90+ | 26 ft    | 1"          |
|   | 2.5W (White)           | 20 / 65       | 22K / 27K / 30K / 35K / 42K / 52K             | 2.5 W/ft  | 112 lm/ft              | SEMI-UNIFORM              | 90+ | 32 ft    | 2"          |
|   | 2.2W (White)           | 20 / 65*      | 22K / 27K / 30K / 35K / 42K / 52K             | 2.2 W/ft  | 113 lm/ft              | SEMI-UNIFORM              | 90+ | 60 ft*   | 3.9"        |
|   | T2.5W (White)          | 20 / 65       | 22K / 27K / 30K / 35K / 42K / 52K             | 2.5 W/ft  | 121 lm/ft              | UNIFORM                   | 90+ | 20 ft    | 1"          |
| ♦ | WF3.5W (Warm Fade)     | 20 / 65       | 27D (18-27K) / 30D (18-30K)                   | 3.5 W/ft  | 143 lm/ft              | SEMI-UNIFORM              | 90+ | 16 ft    | 2.5"        |
|   | 3.5W (White)           | 20 / 65       | 22K / 27K / 30K / 35K / 42K / 52K             | 3.5 W/ft  | 161 lm/ft              | SEMI-UNIFORM              | 90+ | 40 ft    | 2.5"        |
|   | TW2.7W (Tunable White) | 20 / 65       | 1835 (18-35K) / 2235 (22-35K) / 2752 (27-52K) | 2.7 W/ft  | 166 lm/ft              | SEMI-UNIFORM              | 90+ | 26 ft    | 3.3"        |
| ★ | 4.4W (White)           | 20 / 65       | 22K / 27K / 30K / 35K / 42K / 52K             | 4.4 W/ft  | 174 lm/ft              | SEMI-UNIFORM              | 90+ | 32 ft    | 2"          |
|   | H3.5W (White)          | 20 / 65       | 22K / 27K / 30K / 35K / 42K / 52K             | 3.5 W/ft  | 216 lm/ft              | UNIFORM                   | 90+ | 26 ft    | 2.5"        |
|   | T5.0W (White)          | 20 / 65       | 22K / 27K / 30K / 35K / 42K / 52K             | 5.0 W/ft  | 234 lm/ft              | UNIFORM                   | 90+ | 13 ft    | 1"          |
| ★ | H4.4W (White)          | 20 / 65       | 22K / 27K / 30K / 35K / 42K / 52K             | 4.4 W/ft  | 279 lm/ft              | UNIFORM                   | 90+ | 32 ft    | 2"          |
| ★ | R5.4W (White, High R9) | 20 / 65       | 22K / 27K / 30K / 35K / 42K / 52K             | 5.4 W/ft  | 279 lm/ft              | UNIFORM                   | 95+ | 16 ft    | 1"          |
|   | TW5.3W (Tunable White) | 20 / 65       | 1835 (18-35K) / 2235 (22-35K) / 2752 (27-52K) | 5.3 W/ft  | 291 lm/ft              | SEMI-UNIFORM              | 90+ | 16 ft    | 3.3"        |
|   | H5.3W (White)          | 20            | 27K / 30K / 35K / 42K / 52K                   | 5.3 W/ft  | 405 lm/ft              | UNIFORM                   |     |          |             |
| ★ | HO5.9W (White)         | 20            | 27K / 30K / 35K / 42K / 52K                   | 5.9 W/ft  | 474 lm/ft              | UNIFORM                   |     |          |             |
|   | C2.2W (Static Color)   | 20 / 65       | RED / AMB / GRN / BLU                         | 2.2 W/ft  | N/A                    | SEMI-UNIFORM              | —   | 60 ft    | 3.9"        |
|   | C4.4W (Static Color)   | 20 / 65       | RED / AMB / GRN / BLU                         | 4.4 W/ft  | N/A                    | SEMI-UNIFORM              | —   | 32 ft    | 2"          |
|   | CC4.4W (RGB)           | 20 / 65       | RGB                                           | 4.4 W/ft  | 63 lm/ft               | SEMI-UNIFORM              | —   | 32 ft    | 3.9"        |
|   | TC4.4W (RGB)           | 20 / 65       | RGB                                           | 4.4 W/ft  | 92 lm/ft               | SEMI-UNIFORM              | —   | 16 ft    | 2"          |
| ★ | CC5.9W (RGB)           | 20 / 65       | RGB                                           | 5.9 W/ft  | 170 lm/ft              | SEMI-UNIFORM              | —   | 32 ft    | 2.8"        |

- \* 1.5W and 2.2W IP65 tapelight maximum run is reduced to 50 ft, only IP20 may reach maximum run of 60 ft.  
 ♦ Warm Fade tapelight requires a UDEFF or 0-10V dimmable power supply.  
 ★ Recommended options.  
 \*\* Diode visibility data tested at 100% output. Diodes may become more visible as tapelight dims.  
 ^ 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 0.5 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)

| 7.<br>LEAD TYPE | 8.<br>LEAD LENGTH | 9.<br>FEED TYPE |
|-----------------|-------------------|-----------------|
| [blank]         | [blank]           | [blank]         |

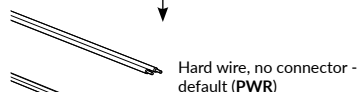
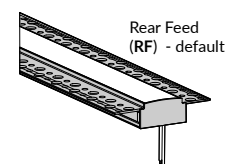
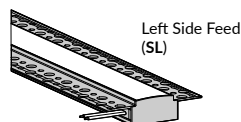
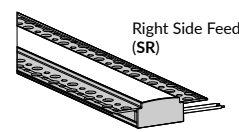
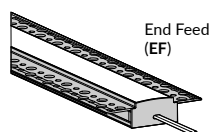
Default [blank] - 48" hard wire rear feed (PWR48RF)

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

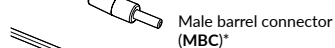
Enter desired wire length in inches.

**EF** End Feed  
**SL** Left Side Feed  
**SR** Right Side Feed  
**RF** Rear Feed

STANDARD 48" HARD WIRE REAR FEED INCLUDED UNLESS OTHERWISE SPECIFIED



Hard wire, no connector - default (PWR)



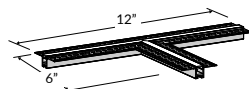
Male barrel connector (MBC)\*



Female barrel connector (FBC)\*

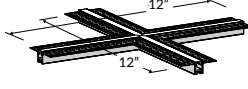
\*Barrel connectors not compatible with RGB, RGB(W), or Tunable White tapelights.

## FACTORY ASSEMBLED CORNERS (NO MITER CUTS REQUIRED. SCREWS AND JOINER BARS INCLUDED.)



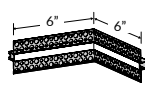
T CORNER

LLI-XR-SML-SF-TEE-12IN



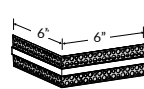
X CORNER

LLI-XR-SML-SF-CROSS-12IN



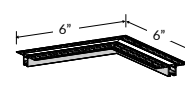
90° INSIDE CORNER

LLI-XR-SML-SF-90D-INS-6IN



90° OUTSIDE CORNER

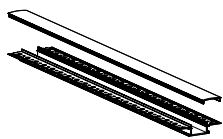
LLI-XR-SML-SF-90D-OUT-6IN



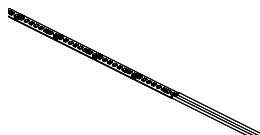
90° FLAT CORNER

LLI-XR-SML-SF-90D-FLT-6IN

## WHAT'S INCLUDED



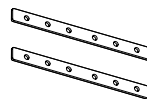
EXTRUSION WITH LENS



LED TAPELIGHT WITH POWER FEED



ENDCAPS



JOINER BARS

(Included if required for layout. Screws and hex wrench included)

# SEAMLESS 0.5 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             |

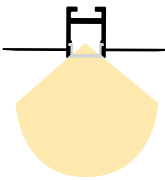
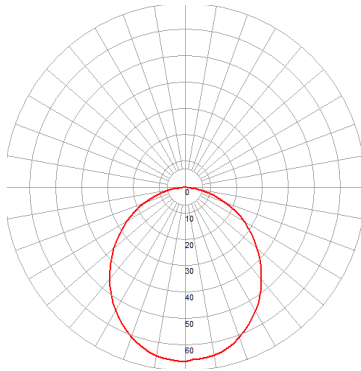
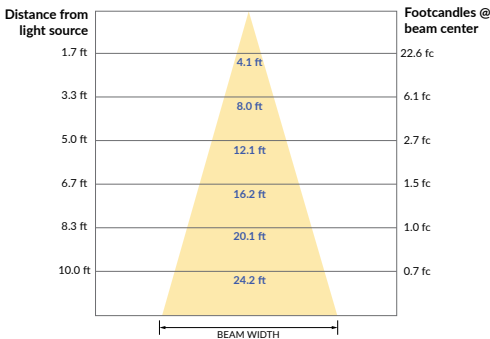
| IP RATING | LUMEN MULTIPLIER |
|-----------|------------------|
| IP20      | 1                |
| IP65      | 0.9              |

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

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

|           |   |      |   |     |   |           |
|-----------|---|------|---|-----|---|-----------|
| 174 lm/ft | x | 1.25 | x | 0.9 | = | 204 lm/ft |
|-----------|---|------|---|-----|---|-----------|

## PHOTOMETRY

| LLI-SML-SF-4.4W-30K-24V* |           | BEAM SPREAD                                                                                        | POLAR CHART                                                                          | CONICAL CHART                                                                                                             |
|--------------------------|-----------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| POWER (W/ft)             | 4.4W      | <b>114°</b><br> |  | <b>ILLUMINANCE AT A DISTANCE</b><br> |
| OUTPUT (lm/ft)           | 174 lm/ft |                                                                                                    |                                                                                      |                                                                                                                           |
| COLOR TEMPERATURE        | 3000K     |                                                                                                    |                                                                                      |                                                                                                                           |
| BEAM SPREAD              | 114°      |                                                                                                    |                                                                                      |                                                                                                                           |
| EFFICACY (lm/W)          | 40 lm/W   |                                                                                                    |                                                                                      |                                                                                                                           |

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

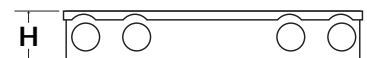
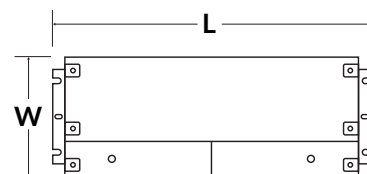
## POWER SUPPLIES SOLD SEPARATELY

### DIMMABLE ELECTRONIC 0-10V

Optimal performance dims to 0%.\*



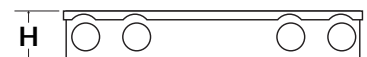
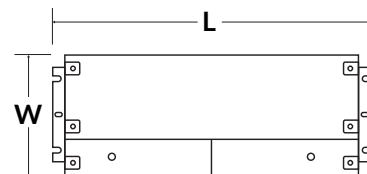
| PART NUMBER                  | CAPACITY | INPUT        | OUTPUT | CLASS   | LOCATION | L     | W    | H    |
|------------------------------|----------|--------------|--------|---------|----------|-------|------|------|
| LLI-PS-DE010-030W-24V-KO     | 30W      | 120V or 277V | 24V    | CLASS 2 | IP66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

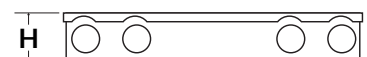
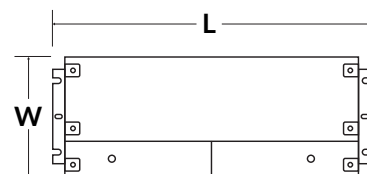


### DIMMABLE ELECTRONIC FLICKER-FREE

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" |

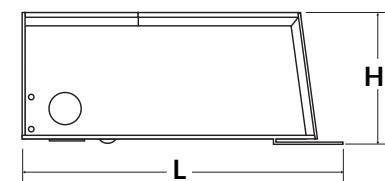
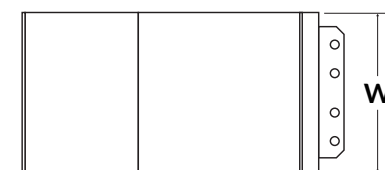


### DIMMABLE MAGNETIC

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" |

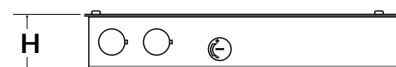
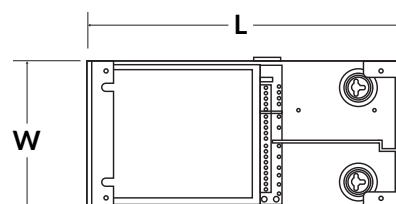


### LUTRON HI-LUME PREMIER 0.1% DIMMABLE ELECTRONIC

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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