

# LNE-30 DUAL BEND

## 3W IP67 FLEXIBLE LED NEON SERIES

Project \_\_\_\_\_

Location \_\_\_\_\_

Quote/ Ref # \_\_\_\_\_

The **LNE-30 Dual Bend** is a flexible LED fixture that offers both high performance and affordability. Specifically designed a neon replacement, this fixture can bend **horizontally and vertically** around contours or tight curves without risk of damage. Able to provide up to 98 feet of continuous line of light, it's an ideal choice for indoor or outdoor applications where a sleek, smooth surface is desired.



### SPECIFICATIONS

|                       |                                   |
|-----------------------|-----------------------------------|
| POWER CONSUMPTION     | 3W per Ft.                        |
| LUMEN OUTPUT          | 162 Lumens per Ft. (30K)          |
| CRI                   | 88+                               |
| COLOR TEMPERATURE     | 24K/ 27K/ 30K/ 35K/ 40K/ 45K/ 50K |
| DIMMING/ CONTROL      | MLV, ELV, 0-10V, and TRIAC        |
| MAXIMUM RUN LENGTH    | 98 Ft.                            |
| CUTTABLE              | Every 2.46 in. (62.5mm)           |
| OPERATING VOLTAGE     | 24V DC                            |
| STORAGE TEMPERATURE   | -4°F (-20°C) to 158°F (70°C)      |
| OPERATING TEMPERATURE | -4°F (-20°C) to 140°F (60°C)      |
| BEAM ANGLE            | 120°                              |
| IP RATING             | IP67                              |
| CERTIFICATIONS        | UL Listed                         |
| LUMEN MAINTENANCE     | 50,000 Hrs.                       |

### FEATURES

- High color consistency and smooth illumination
- UV Resistant
- Continuous run length up to 98 Ft.
- Cuttable every 2.46 in. (62.5mm)
- Bottom, Side and End Feed options
- UL Listed (US and Canada)

### LUMENS

| CCT   | LM/W | LM/ FT. |
|-------|------|---------|
| 2400K | 43   | 124     |
| 2700K | 51   | 153     |
| 3000K | 54   | 162     |
| 3500K | 56   | 166     |
| 4000K | 56   | 168     |
| 4500K | 57   | 168     |
| 5000K | 57   | 168     |



| MODEL    | COLOR TEMP          | VOLTAGE             | LENGTH                                                                       | POWER FEED                    | FEED LENGTH                      |
|----------|---------------------|---------------------|------------------------------------------------------------------------------|-------------------------------|----------------------------------|
| LNE30-DB | <b>24K</b><br>2400K | <b>24</b><br>24V DC | Please refer to pages 4 for exact lengths with corresponding ordering codes. | <b>BF</b><br>Bottom Feed      | <b>HW3</b><br>3 Ft. Power Feed   |
|          | <b>27K</b><br>2700K |                     |                                                                              | <b>SFL</b><br>Side Feed Left  | <b>HW10</b><br>10 Ft. Power Feed |
|          | <b>30K</b><br>3000K |                     |                                                                              | <b>SFR</b><br>Side Feed Right | <b>HW15</b><br>15 Ft. Power Feed |
|          | <b>35K</b><br>3500K |                     |                                                                              | <b>EF</b><br>End Feed         | <b>HW30</b><br>30 Ft. Power Feed |
|          | <b>40K</b><br>4000K |                     |                                                                              |                               | <b>HW50</b><br>50 Ft. Power Feed |
|          | <b>45K</b><br>4500K |                     |                                                                              |                               |                                  |
|          | <b>50K</b><br>5000K |                     |                                                                              |                               |                                  |

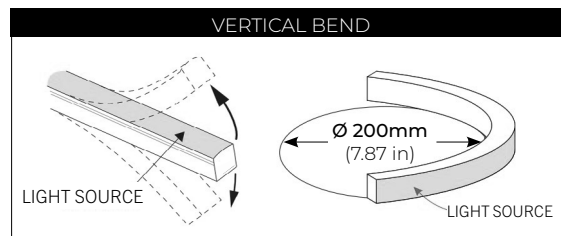
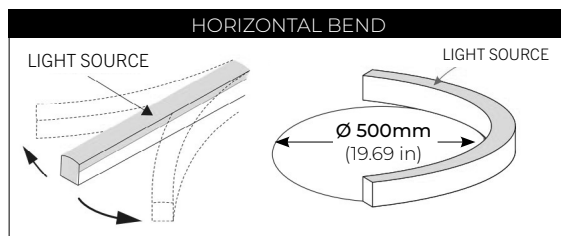
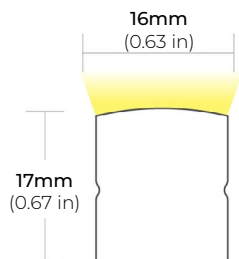
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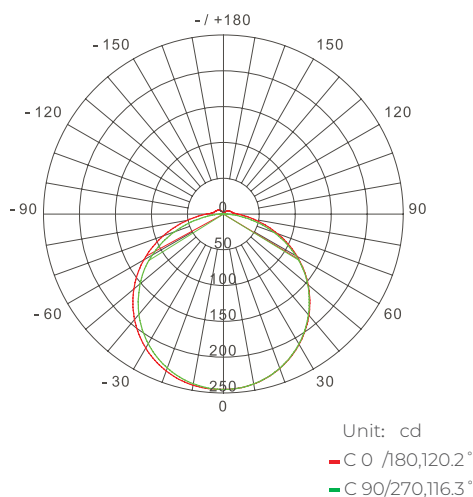
**CORE**  
ARCHITECTURAL  
LIGHTING

UPDATED: 02.24.25

## DIMENSIONS



## LIGHT DISTRIBUTION



AVERAGE BEAM ANGLE (50%): 118.3°  
\* TESTED AT 4000K

## COMPATIBLE ACCESSORIES

### SELF LOCKING ALUMINUM PROFILE

LNE-AC2  
2" PROFILE

LNE-AC39  
39" PROFILE



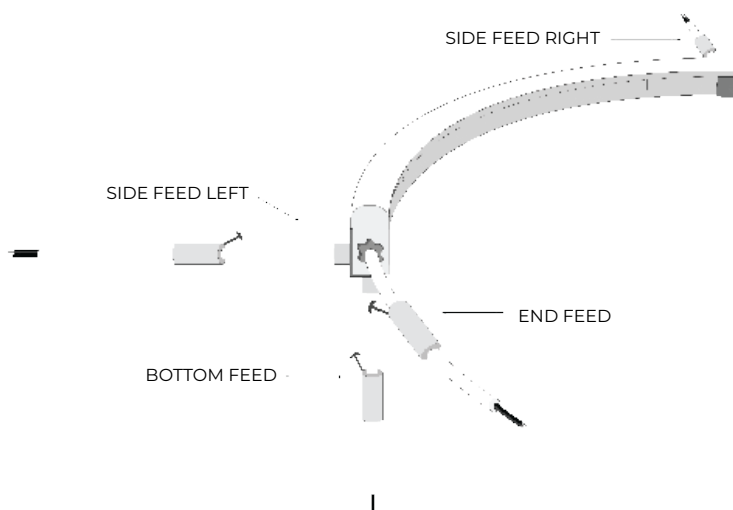
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3W IP67 FLEXIBLE LED NEON SERIES

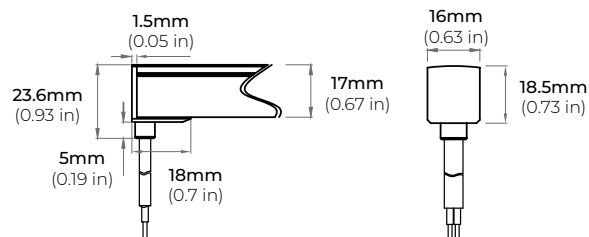
**CORE**  
ARCHITECTURAL  
LIGHTING

UPDATED: 05.30.25

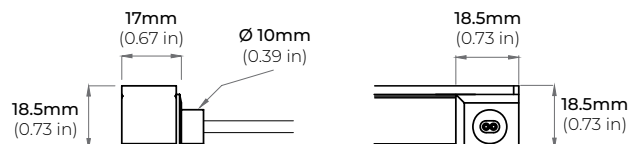
## POWER FEEDS



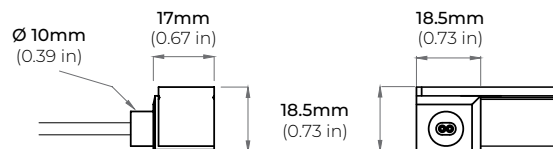
**BF**  
BOTTOM FEED



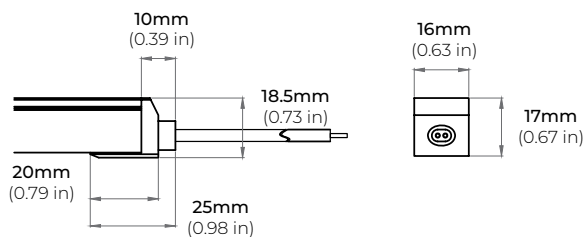
**SFL**  
SIDE LEFT FEED



**SFR**  
SIDE RIGHT FEED



**EF**  
END FEED



# LNE-30 DUAL BEND

## 3W IP67 FLEXIBLE LED NEON SERIES

### CUTTING LENGTH CODES

LNE-30 Dual Bend is cuttable every **2.46" (6.25CM)**. Please refer to the chart below to determine actual lengths once LED is cut versus actual lengths required or specified.

Total Length Calculation = Order Code Length + End Feed option Length

**Example: 38.43" Total Length = Order Code 15 (36.9") + (1.53") End Feed**

| POWER FEED OPTION | LENGTH      |
|-------------------|-------------|
| END FEED          | 1.53 INCHES |

### CUTTING LENGTH INCREMENT TABLE

| CODE | LENGTH (CM) | LENGTH (IN) |
|------|-------------|-------------|
| 1    | 6.25        | 2.46        |
| 2    | 12.5        | 4.92        |
| 3    | 18.75       | 7.38        |
| 4    | 25          | 9.84        |
| 5    | 31.25       | 12.3        |
| 6    | 37.5        | 14.76       |
| 7    | 43.75       | 17.22       |
| 8    | 50          | 19.68       |
| 9    | 56.25       | 22.14       |
| 10   | 62.5        | 24.6        |
| 11   | 68.75       | 27.06       |
| 12   | 75          | 29.52       |
| 13   | 81.25       | 31.98       |
| 14   | 87.5        | 34.44       |
| 15   | 93.75       | 36.9        |
| 16   | 100         | 39.36       |
| 17   | 106.25      | 41.82       |
| 18   | 112.5       | 44.28       |
| 19   | 118.75      | 46.74       |
| 20   | 125         | 49.2        |
| 21   | 131.25      | 51.66       |
| 22   | 137.5       | 54.12       |
| 23   | 143.75      | 56.58       |
| 24   | 150         | 59.04       |
| 25   | 156.25      | 61.5        |
| 26   | 162.5       | 63.96       |
| 27   | 168.75      | 66.42       |
| 28   | 175         | 68.88       |
| 29   | 181.25      | 71.34       |
| 30   | 187.5       | 73.8        |
| 31   | 193.75      | 76.26       |
| 32   | 200         | 78.72       |
| 33   | 206.25      | 81.18       |
| 34   | 212.5       | 83.64       |
| 35   | 218.75      | 86.1        |
| 36   | 225         | 88.56       |
| 37   | 231.25      | 91.02       |
| 38   | 237.5       | 93.48       |
| 39   | 243.75      | 95.94       |
| 40   | 250         | 98.4        |

| CODE | LENGTH (CM) | LENGTH (IN) |
|------|-------------|-------------|
| 41   | 256.25      | 100.86      |
| 42   | 262.5       | 103.32      |
| 43   | 268.75      | 105.78      |
| 44   | 275         | 108.24      |
| 45   | 281.25      | 110.7       |
| 46   | 287.5       | 113.16      |
| 47   | 293.75      | 115.62      |
| 48   | 300         | 118.08      |
| 49   | 306.25      | 120.54      |
| 50   | 312.5       | 123         |
| 51   | 318.75      | 125.46      |
| 52   | 325         | 127.92      |
| 53   | 331.25      | 130.38      |
| 54   | 337.5       | 132.84      |
| 55   | 343.75      | 135.3       |
| 56   | 350         | 137.76      |
| 57   | 356.25      | 140.22      |
| 58   | 362.5       | 142.68      |
| 59   | 368.75      | 145.14      |
| 60   | 375         | 147.6       |
| 61   | 381.25      | 150.06      |
| 62   | 387.5       | 152.52      |
| 63   | 393.75      | 154.98      |
| 64   | 400         | 157.44      |
| 65   | 406.25      | 159.9       |
| 66   | 412.5       | 162.36      |
| 67   | 418.75      | 164.82      |
| 68   | 425         | 167.28      |
| 69   | 431.25      | 169.74      |
| 70   | 437.5       | 172.2       |
| 71   | 443.75      | 174.66      |
| 72   | 450         | 177.12      |
| 73   | 456.25      | 179.58      |
| 74   | 462.5       | 182.04      |
| 75   | 468.75      | 184.5       |
| 76   | 475         | 186.96      |
| 77   | 481.25      | 189.42      |
| 78   | 487.5       | 191.88      |
| 79   | 493.75      | 194.34      |
| 80   | 500         | 196.8       |

| CODE | LENGTH (CM) | LENGTH (IN) |
|------|-------------|-------------|
| 81   | 506.25      | 199.26      |
| 82   | 512.5       | 201.72      |
| 83   | 518.75      | 204.18      |
| 84   | 525         | 206.64      |
| 85   | 531.25      | 209.1       |
| 86   | 537.5       | 211.56      |
| 87   | 543.75      | 214.02      |
| 88   | 550         | 216.48      |
| 89   | 556.25      | 218.94      |
| 90   | 562.5       | 221.4       |
| 91   | 568.75      | 223.86      |
| 92   | 575         | 226.32      |
| 93   | 581.25      | 228.78      |
| 94   | 587.5       | 231.24      |
| 95   | 593.75      | 233.7       |
| 96   | 600         | 236.16      |
| 97   | 606.25      | 238.62      |
| 98   | 612.5       | 241.08      |
| 99   | 618.75      | 243.54      |
| 100  | 625         | 246         |
| 101  | 631.25      | 248.46      |
| 102  | 637.5       | 250.92      |
| 103  | 643.75      | 253.38      |
| 104  | 650         | 255.84      |
| 105  | 656.25      | 258.3       |
| 106  | 662.5       | 260.76      |
| 107  | 668.75      | 263.22      |
| 108  | 675         | 265.68      |
| 109  | 681.25      | 268.14      |
| 110  | 687.5       | 270.6       |
| 111  | 693.75      | 273.06      |
| 112  | 700         | 275.52      |
| 113  | 706.25      | 277.98      |
| 114  | 712.5       | 280.44      |
| 115  | 718.75      | 282.9       |
| 116  | 725         | 285.36      |
| 117  | 731.25      | 287.82      |
| 118  | 737.5       | 290.28      |
| 119  | 743.75      | 292.74      |
| 120  | 750         | 295.2       |

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Total Length Calculation = Order Code Length + End Feed option Length

**Example: 38.43" Total Length = Order Code 15 (36.9") + (1.53") End Feed**

| POWER FEED OPTION | LENGTH      |
|-------------------|-------------|
| END FEED          | 1.53 INCHES |

### CUTTING LENGTH INCREMENT TABLE

| CODE | LENGTH (CM) | LENGTH (IN) |
|------|-------------|-------------|
| 121  | 756.25      | 297.66      |
| 122  | 762.5       | 300.12      |
| 123  | 768.75      | 302.58      |
| 124  | 775         | 305.04      |
| 125  | 781.25      | 307.5       |
| 126  | 787.5       | 309.96      |
| 127  | 793.75      | 312.42      |
| 128  | 800         | 314.88      |
| 129  | 806.25      | 317.34      |
| 130  | 812.5       | 319.8       |
| 131  | 818.75      | 322.26      |
| 132  | 825         | 324.72      |
| 133  | 831.25      | 327.18      |
| 134  | 837.5       | 329.64      |
| 135  | 843.75      | 332.1       |
| 136  | 850         | 334.56      |
| 137  | 856.25      | 337.02      |
| 138  | 862.5       | 339.48      |
| 139  | 868.75      | 341.94      |
| 140  | 875         | 344.4       |
| 141  | 881.25      | 346.86      |
| 142  | 887.5       | 349.32      |
| 143  | 893.75      | 351.78      |
| 144  | 900         | 354.24      |
| 145  | 906.25      | 356.7       |
| 146  | 912.5       | 359.16      |
| 147  | 918.75      | 361.62      |
| 148  | 925         | 364.08      |
| 149  | 931.25      | 366.54      |
| 150  | 937.5       | 369         |
| 151  | 943.75      | 371.46      |
| 152  | 950         | 373.92      |
| 153  | 956.25      | 376.38      |
| 154  | 962.5       | 378.84      |
| 155  | 968.75      | 381.3       |
| 156  | 975         | 383.76      |
| 157  | 981.25      | 386.22      |
| 158  | 987.5       | 388.68      |
| 159  | 993.75      | 391.14      |
| 160  | 1000        | 393.6       |

| CODE | LENGTH (CM) | LENGTH (IN) |
|------|-------------|-------------|
| 161  | 1006.25     | 396.06      |
| 162  | 1012.5      | 398.52      |
| 163  | 1018.75     | 400.98      |
| 164  | 1025        | 403.44      |
| 165  | 1031.25     | 405.9       |
| 166  | 1037.5      | 408.36      |
| 167  | 1043.75     | 410.82      |
| 168  | 1050        | 413.28      |
| 169  | 1056.25     | 415.74      |
| 170  | 1062.5      | 418.2       |
| 171  | 1068.75     | 420.66      |
| 172  | 1075        | 423.12      |
| 173  | 1081.25     | 425.58      |
| 174  | 1087.5      | 428.04      |
| 175  | 1093.75     | 430.5       |
| 176  | 1100        | 432.96      |
| 177  | 1106.25     | 435.42      |
| 178  | 1112.5      | 437.88      |
| 179  | 1118.75     | 440.34      |
| 180  | 1125        | 442.8       |
| 181  | 1131.25     | 445.26      |
| 182  | 1137.5      | 447.72      |
| 183  | 1143.75     | 450.18      |
| 184  | 1150        | 452.64      |
| 185  | 1156.25     | 455.1       |
| 186  | 1162.5      | 457.56      |
| 187  | 1168.75     | 460.02      |
| 188  | 1175        | 462.48      |
| 189  | 1181.25     | 464.94      |
| 190  | 1187.5      | 467.4       |
| 191  | 1193.75     | 469.86      |
| 192  | 1200        | 472.32      |
| 193  | 1206.25     | 474.78      |
| 194  | 1212.5      | 477.24      |
| 195  | 1218.75     | 479.7       |
| 196  | 1225        | 482.16      |
| 197  | 1231.25     | 484.62      |
| 198  | 1237.5      | 487.08      |
| 199  | 1243.75     | 489.54      |
| 200  | 1250        | 492         |

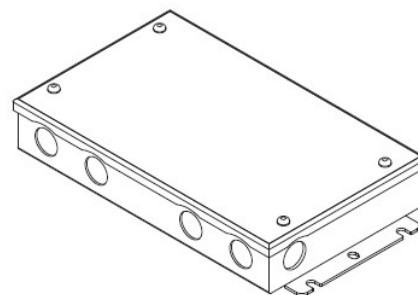
# LNE-30 DUAL BEND

## 3W IP67 FLEXIBLE LED NEON SERIES

### COMPATIBLE TRANSFORMERS

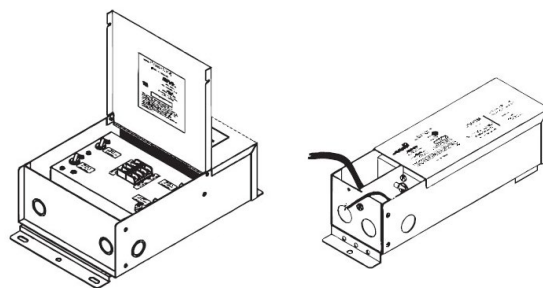
#### PSDL SERIES TRIAC DIMMABLE

|               |         |                        |
|---------------|---------|------------------------|
| PSDL-30W-24V  | CLASS 2 | 6.5" X 3.63" X 1.03"   |
| PSDL-60W-24V  | CLASS 2 | 7.4" X 3.63" X 1.03"   |
| PSDL-96W-24V  | CLASS 2 | 8.67" X 3.67 X 1.62"   |
| PSDL-150W-24V |         | 8.67" X 3.67" X 1.62"  |
| PSDL-192W-24V | CLASS 2 | 10.25" X 4.06" X 1.82" |
| PSDL-200W-24V |         | 10.25" X 4.06" X 1.82" |
| PSDL-288W-24V | CLASS 2 | 10.25" X 4.06" X 1.82" |
| PSDL-300W-24V |         | 10.25" X 4.06" X 1.82" |



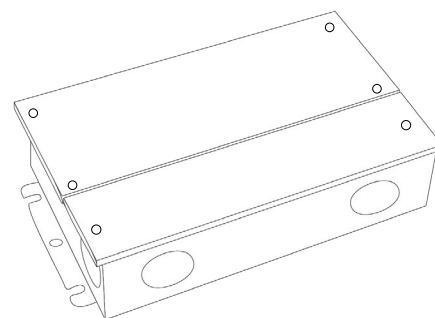
#### PSDH SERIES HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

|               |         |                        |
|---------------|---------|------------------------|
| PSDH-48W-24V  | CLASS 2 | 11.25" X 3.37" X 3.25" |
| PSDH-96W-24V  | CLASS 2 | 11.25" X 3.37" X 3.25" |
| PSDH-288W-24V | CLASS 2 | 14.25" X 8.43" X 4.43" |



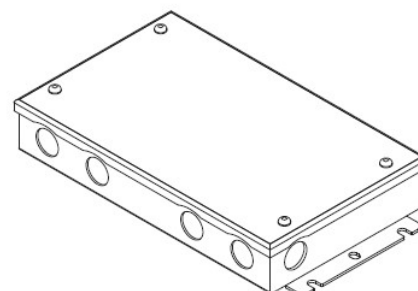
#### PSRX SERIES 4-IN-1 DIMMING DRIVER

|               |         |                        |
|---------------|---------|------------------------|
| PSRX-30W-24V  | CLASS 2 | 6.5" X 3.72" X 1.57"   |
| PSRX-60W-24V  | CLASS 2 | 7.4" X 3.72" X 1.57"   |
| PSRX-96W-24V  | CLASS 2 | 8.66" X 3.72" X 1.57"  |
| PSRX-150W-24V |         | 10.24" X 4.13" X 1.77" |
| PSRX-192W-24V | CLASS 2 | 11" X 4" X 1.82"       |
| PSRX-200W-24V |         | 10.24" X 4.13" X 1.77" |
| PSRX-288W-24V | CLASS 2 | 11.85" X 4.25" X 1.82" |
| PSRX-300W-24V |         | 10.94" X 4.33" X 1.77" |



#### PSVT SERIES 0-10V DIMMING DRIVER

|               |         |                        |
|---------------|---------|------------------------|
| PSVT-60W-24V  | CLASS 2 | 7.4" X 3.72" X 1.57"   |
| PSVT-96W-24V  | CLASS 2 | 8.66" X 3.72" X 1.57"  |
| PSVT-200W-24V |         | 10.24" X 4.13" X 1.77" |
| PSVT-288W-24V | CLASS 2 | 11.85" X 4.25" X 1.81" |
| PSVT-300W-24V |         | 10.94" X 4.33" X 1.77" |



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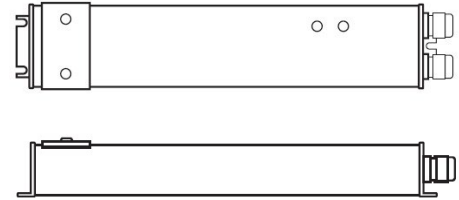
## 3W IP67 FLEXIBLE LED NEON SERIES

### COMPATIBLE TRANSFORMERS

#### PSDE SERIES

0-10V DIMMING W/ JUNCTION BOX

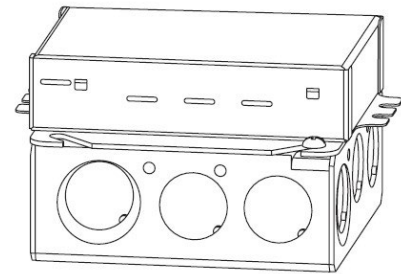
|                     |         |                      |
|---------------------|---------|----------------------|
| PSDE-60W-24V-010-JB | CLASS 2 | 12.1" X 2.36" X 1.4" |
| PSDE-96W-24-010-JB  | CLASS 2 | 12.1" X 2.36" X 1.4" |



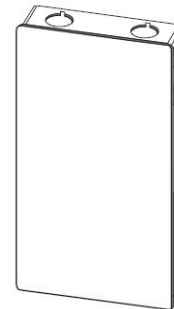
#### LUTRON 1%

3-WIRE DIMMING

|                  |         |                    |
|------------------|---------|--------------------|
| L3DA4U1UKL-CV240 | CLASS 2 | 4.89" X 4" X 2.62" |
|------------------|---------|--------------------|



|                  |         |                     |
|------------------|---------|---------------------|
| PSDE-96W-24V-ECO | CLASS 2 | 10.5" X 3.0" X 2.0" |
|------------------|---------|---------------------|



### COMPATIBLE NON-DIMMING DRIVERS

#### PSHK SERIES

NON-DIMMING CONSTANT VOLTAGE WITH JUNCTION BOX

|               |         |                        |
|---------------|---------|------------------------|
| PSHK-30W-24V  | CLASS 2 | 6.5" X 3.6" X 1.02"    |
| PSHK-60W-24V  | CLASS 2 | 7.4" X 3.62" X 1.02"   |
| PSHK-96W-24V  | CLASS 2 | 8.66" X 3.66" X 1.61"  |
| PSHK-150W-24V |         | 10.24" X 4.06" X 1.81" |
| PSHK-200W-24V |         | 10.24" X 4.06" X 1.81" |
| PSHK-288W-24V | CLASS 2 | 11.85" X 4.25" X 1.82" |
| PSHK-300W-24V |         | 10.24" X 4.25" X 1.81" |

