

### Features

- 24VDC Class 2 fixtures made to order up to 144". Fixtures can be linked up to 16' depending on output
- Suitable for undercabinet, millwork recessed and surface mount applications
- Approved for closet/storage space installation per NEC 410.16(A)(3) and 410.16(C)(5)
- Dot free even illumination achievable in with frosted lens
- Vibrant colors with R9 values up to 98
- Single micro binned LEDs +/- 30 CCT
- Dims with minimal color shift
- Class 2 listed for damp locations
- Proprietary strong bond solder method handles up to 50lbs of torque on wire leads and connectors
- 5 Year warranty



### Finish options



Silver anodized

IC RATED

Black powder coated

RoHS Compliant

Bronze powder coated

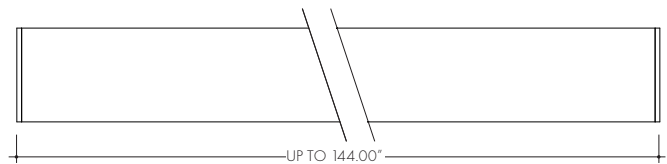
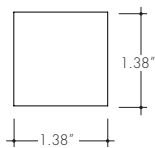
SINGLE BIN +/- 30 CCT



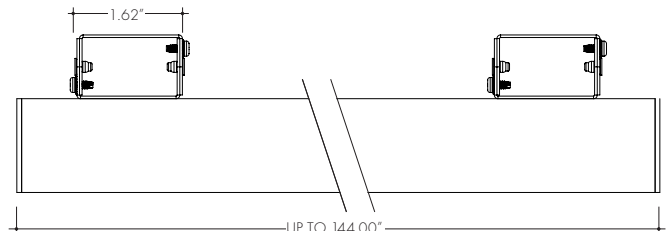
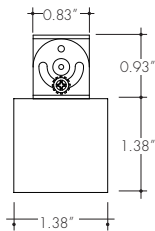
White powder coated

### Product dimensions

Kilo Profile



Kilo Profile /adjustable bracket



additional Kilo Fixture details on page 2

### Technical information

#### OUTPUT OPTIONS

Output	Lumens at 3000K (with clear lens)	Average power consumption at 4'	Lumens / Watt (with clear lens)
SO (2 x LL36)	329 lm/ft	6.5 W/ft	51 lm/W
MO (2 x LL54)	489 lm/ft	9.7 W/ft	50 lm/W
HO (2 x LL72)	735 lm/ft	12.0 W/ft	61 lm/W

#### CCT INFO/LUMEN MULTIPLIER

#### TM-30-15

Color temperature	Multiplier (reference - 3000K)	CRI	R <sub>f</sub>	R <sub>g</sub>
2200K	0.87	86	87	98
2400K	0.73	98	95	102
2700K	0.81	97	95	101
2900K	0.86	97	94	101
3000K	1.00	91	89	98
3500K	1.05	94	90	102
4100K	1.28	94	86	96

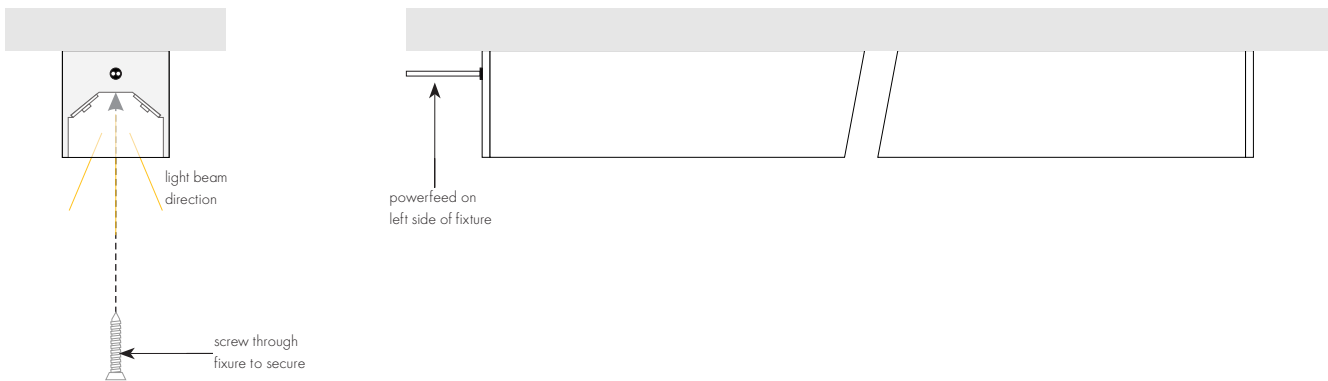
### Ordering code

MODEL	*LENGTH	CCT	*OUTPUT	LENS	MOUNTING	FINISH	POWER FEED POSITION / TYPE
K	12	22K	SO	C	NB	SA	E
<p><small>K - Kilo</small>  <small>12" - 12" - 144" 4" increments</small>  <small>22K - 2200 K</small>  <small>24K - 2400 K</small>  <small>27K - 2700 K</small>  <small>29K - 2900 K</small>  <small>30K - 3000 K</small>  <small>35K - 3500 K</small>  <small>41K - 4100 K</small>  <small>SO - Standard</small>  <small>MO - Medium</small>  <small>HO - High</small>  <small>C - Clear</small>  <small>F - Frosted</small>  <small>P - Prismatic</small>  <small>NB - No bracket</small>  <small>BM - Back-mount adjustable bracket</small>  <small>SMLF - Side-mount adjustable bracket with left feed</small>  <small>SMRF - Side-mount adjustable bracket with right feed</small>  <small>SA - Silver</small>  <small>BK - Black</small>  <small>BZ - Bronze</small>  <small>WH - White (BK,BZ,WH finishes will have an upcharge and require longer lead times)</small>  <small>E - End</small>  <small>B - Back</small>  <small>1 - 72" wire leads</small>  <small>1X2 - 72" wire leads at both ends</small>  <small>2 - 72" wire leads at one end and quick connect at other</small>  <small>3 - Single quick connect</small>  <small>4 - Dual quick connect</small></p>							

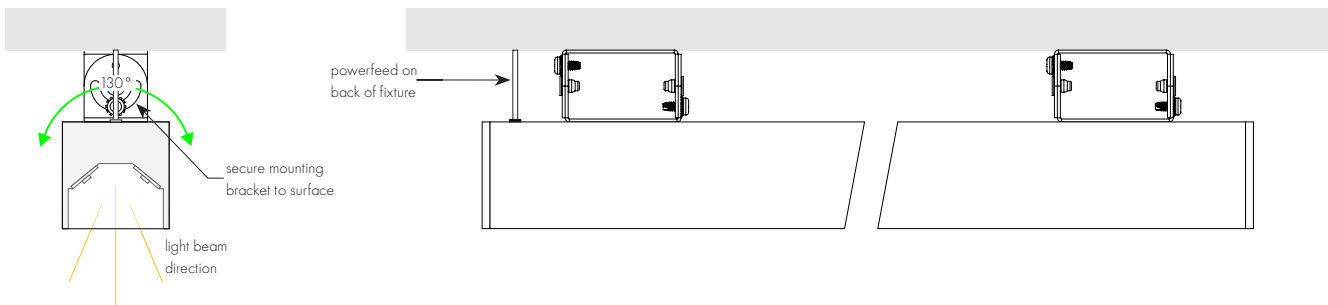
\*Reference power consumption chart on page 3 to determine the max length per output.

## Product Details

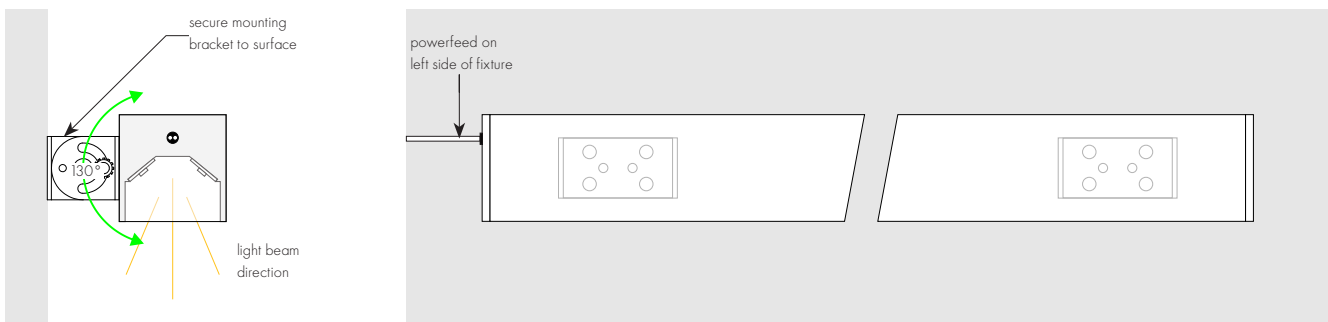
### No bracket mouting (NB) with End (E) 72" wire leads (1)

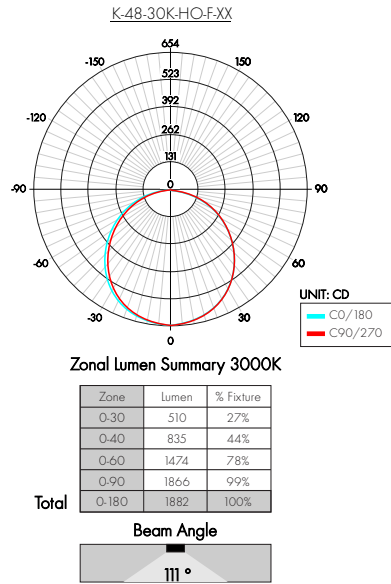


### Back mount adjustable bracket (BM) with Back (B) 72" wire leads (1)



### Side mount adjustable bracket with right feed (SMRF) with End (E) 72" wire leads (1)



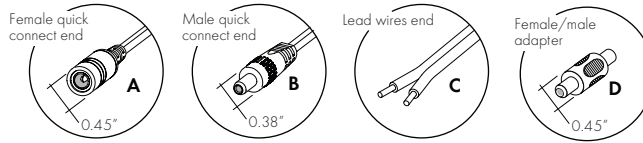


### Power consumption per fixture length

Based on operation with PSD series of power supplies.

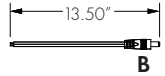
Nominal Length	Actual Length	SO		Actual Length	MO		Actual Length	HO	
		W/ft	Total wattage		W/ft	Total wattage		W/ft	Total wattage
12"	12-13/16"	6.50	6.50	12-12/16"	10.70	10.60	12-12/16"	13.50	13.50
16"	16-11/16"	6.50	8.00	16-11/16"	10.66	14.12	16-10/16"	13.50	18.00
20"	20-11/16"	6.50	10.50	20-11/16"	10.62	17.64	20-10/16"	13.50	22.50
24"	24-9/16"	6.50	13.00	24-10/16"	10.60	21.20	24-9/16"	13.50	27.00
28"	28-8/16"	6.50	15.50	28-8/16"	10.56	24.66	28-8/16"	13.50	33.50
32"	32-8/16"	6.50	17.00	32-8/16"	10.50	28.12	32-7/16"	13.50	38.00
36"	36-6/16"	6.50	19.50	36-7/16"	10.50	31.60	36-6/16"	13.30	39.9
40"	40-5/16"	6.50	20.50	40-6/16"	10.46	34.80	41-5/16"	13.30	44.40
44"	44-5/16"	6.40	23.50	44-5/16"	10.42	38.00	45-4/16"	13.3	48.80
48"	48-4/16"	6.40	25.60	48-4/16"	10.40	41.20	49-3/16"	13.10	52.42
52"	52-3/16"	6.40	26.60	53-8/16"	10.36	44.80	53-2/16"	13.10	57.00
56"	56-2/16"	6.40	29.60	57-7/16"	10.32	48.40	57-1/16"	13.10	61.00
60"	60-1/16"	6.40	32.00	61-6/16"	10.30	52.00	61 "	12.90	64.50
64"	64 "	6.40	34.00	65-5/16"	10.26	55.20	64-15/16"	12.90	68.80
68"	69-14/16"	6.30	36.00	69-4/16"	10.22	58.40	68-14/16"	12.90	73.10
72"	73-13/16"	6.30	37.80	73-3/16"	10.20	61.60	72-13/16"	12.80	76.80
76"	77-12/16"	6.30	38.00	77-2/16"	10.16	64.80	76-12/16"	12.80	81.00
80"	81-12/16"	6.30	43.00	81-2/16"	10.12	68.00	80-11/16"	12.80	86.00
84"	85-10/16"	6.30	44.10	85-1/16"	10.10	71.40	84-10/16"	12.50	87.50
88"	89-9/16"	6.30	46.00	88-15/16"	10.06	74.20	88-9/16"	12.50	92.00
92"	93-8/16"	6.20	48.00	92-14/16"	10.02	77.00	92-8/16"	12.5	96.00
96"	97-7/16"	6.20	49.60	96-14/16"	10.00	80.00			
100"	101-7/16"	6.20	52.60	100-13/16"	9.97	83.20			
104"	105-5/16"	6.10	54.20	104-12/16"	9.95	86.40			
108"	109-5/16"	6.10	56.00	108-11/16"	9.92	89.60			
112"	113-4/16"	6.10	57.00	112-10/16"	9.90	92.40			
116"	117-2/16"	6.10	60.00	116-9/16"	9.88	95.20			
120"	121-2/16"	6.00	61.00						
124"	125-1/16"	6.00	63.00						
128"	128-15/16"	6.00	65.00						
132"	132-15/16"	5.90	67.00						
136"	136-14/16"	5.90	68.60						
140"	140-13/16"	5.90	71.00						
144"	144-12/16"	5.80	72.00						

Connectors & Accessories

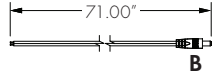


Linking and extension cable options

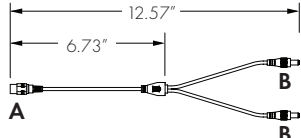
Male quick-connect  
Part # LMC



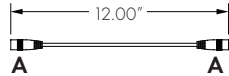
Male quick-connect long  
Part # LMC-70



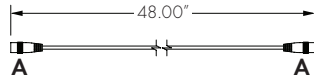
Y-splitter  
Part # LYC



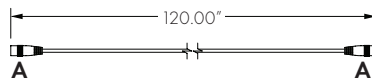
12" extension cable  
Part # EC-12



48" extension cable  
Part # EC-48



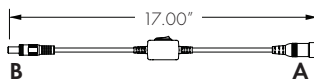
120" extension cable  
Part # EC-120



Female/male adaptor  
Part # FMA

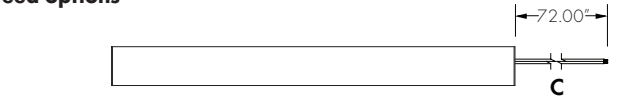


Inline DC switch  
Part # IS-DC

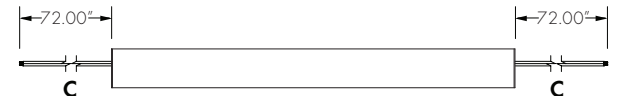


Powerfeed options

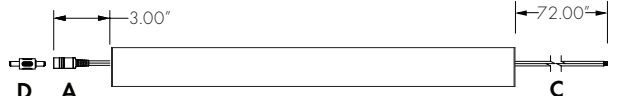
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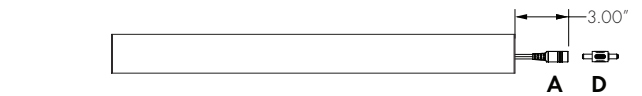
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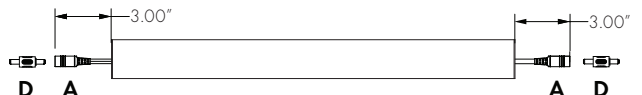
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-3



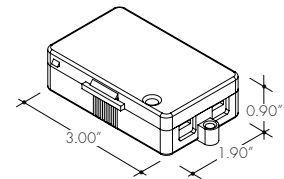
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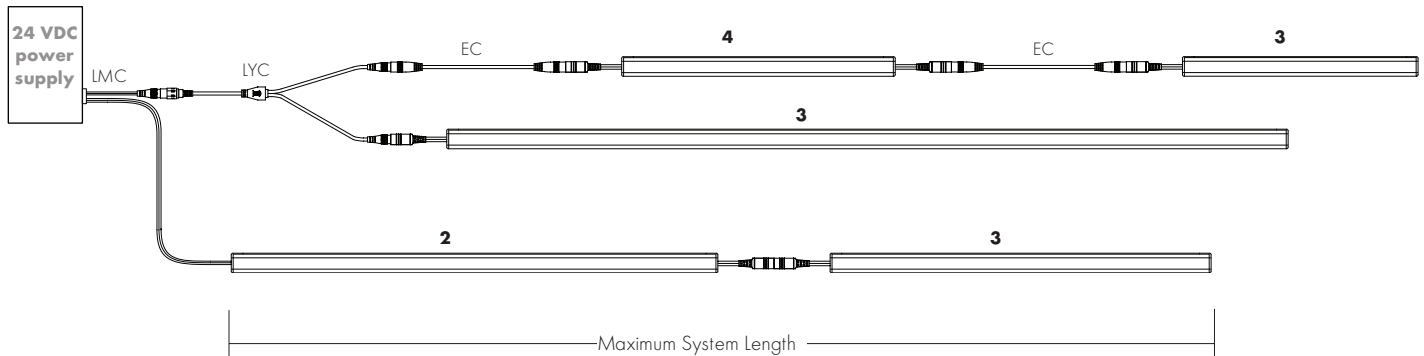
Accessories

Splice Box:  
Low voltage, 4 terminal splice box, black.

Part # LVSP-4T-BK



Sample layout of powerfeed connections



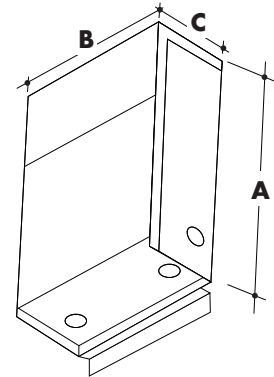
## Power supply

See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

### Magnetic Low Voltage Dimming Power Supplies:

MODEL	POWER	OUTPUT	INPUT
<b>PSD</b>	<b>48</b>	<b>24</b>	
PSD - PSD Series dims down to 0%	48 - 48 W 96 - 96 W 288 - 288 W (3x 96W)	24 - 24 VDC	Blank - 120 V 240 - 240 V 277 - 277 V

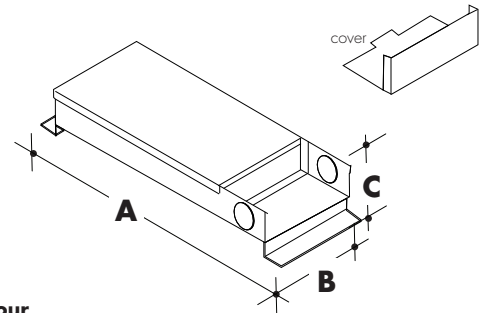
MODELS	PSD 48	PSD 96	PSD 288
<b>A Length</b>	11.25"	11.25"	13.06"
<b>B Width</b>	3.42"	3.42"	8.42"
<b>C Depth</b>	3.42"	3.27"	4.47"



### Electronic Low Voltage Dimming Power Supplies:

MODEL	CIRCUIT x POWER	OUTPUT	INPUT
<b>CVE</b>	<b>48D</b>	<b>24</b>	
CVE - CVE Series dims down to 0.1%	48D - 48W 48X2D - 2 x 48W 48X3D - 3 x 48W 48X4D - 4 x 48W 96D - 96W 96X2D - 2 x 96W 96X3D - 3 x 96W 96X4D - 4 x 96W	24 - 24 VDC	Blank - 120 V 277 - 240/277 V

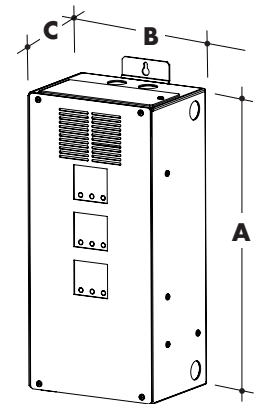
MODELS	Single circuit	Dual circuit	Three circuit	Four circuit
<b>A Length</b>	13.9"	13.8"	13.8"	13.8"
<b>B Width</b>	2.3"	4.0"	5.9"	7.75"
<b>C Depth</b>	1.3"	1.9"	1.9"	1.9"



### 0-10V Dimming Power Supplies:

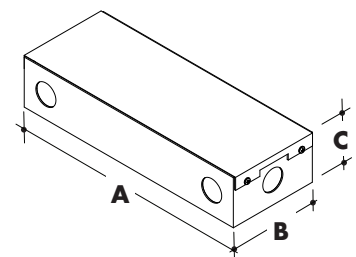
MODEL	POWER	OUTPUT	DIMMING
<b>PSO10V</b>	<b>3X96</b>	<b>24</b>	<b>LIN</b>
PSO10V - 0-10V Power Supply dims down to 0%	96 - 96 WATT 3X96 - 3 X 96 WATT	24 - 24 VDC	LIN - Linear LOG - Logarithmic

MODELS	96 W	3X96
<b>A Length</b>	14.40"	15.75"
<b>B Width</b>	5.20"	6.60"
<b>C Depth</b>	2.60"	4.80"



MODEL	POWER	OUTPUT	DIMMING	LOCATION
<b>PSV</b>	<b>40</b>	<b>24</b>	<b>U2DIM</b>	<b>D</b>
PSV - PSV Series dims down to 5%	40 - 40 W 60 - 60 W 96 - 96 W	24 - 24 VDC	U2DIM - Dimming 0-10V	D - Dry Location IP65 - Wet Location

MODELS	PSV Dry	PSV Wet
<b>A Length</b>	9.2"	9.5"
<b>B Width</b>	3.4"	4.12"
<b>C Depth</b>	1.9"	2.3"



## Power supply

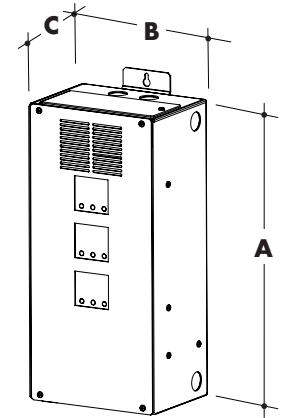
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

### DMX Dimming Power Supplies:

MODEL	POWER	OUTPUT
<b>PSDMX</b>	<b>96</b>	<b>24</b>
PSDMX - DMX Power Supply	96 - 96 WATT 3X96 - 3 X 96 WATT	24 - 24 VDC

- Features eldoLED's LINEARdrive configurable dimmable drivers

MODELS	3X96 W
<b>A Length</b>	15.75"
<b>B Width</b>	6.60"
<b>C Depth</b>	4.80"

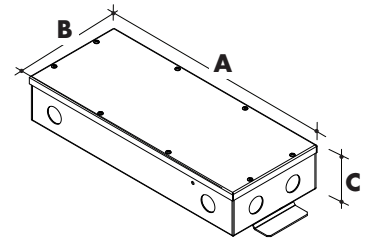


### DALI Dimming Power Supplies:

MODEL	POWER	OUTPUT
<b>PSDALI</b>	<b>96</b>	<b>24</b>
PSDALI - DALI Power Supply dims down to 0%	96 - 96 WATT 3X96 - 3 X 96 WATT	24 - 24 VDC

- Features eldoLED's LINEARdrive configurable dimmable drivers

MODELS	96 W
<b>A Length</b>	14.40"
<b>B Width</b>	5.20"
<b>C Depth</b>	2.60"



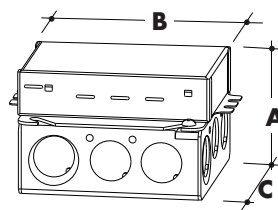
## LUTRON®

Luminii is a Lutron OEM Advantage Partner

MODEL
<b>LTEA4U1UKL-CV240</b>
Lutron -Hi-lume™ 1% 2-wire LED driver (120V forward phase only)

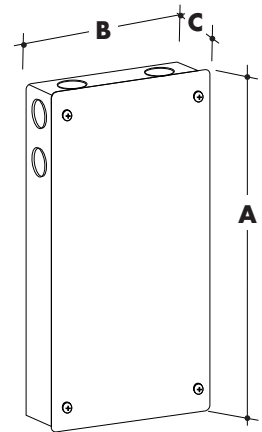
MODELS	LTEA	L3DA
<b>A Length</b>	4.89"	4.89"
<b>B Width</b>	2.66"	2.66"
<b>C Depth</b>	4.00"	4.00"

MODEL
<b>L3DA4U1UKL-CV240</b>
Hi-lume™ 1% EcoSystem Voltage LED Driver



MODEL
<b>L3D0-96W24V-U</b>
Hi-lume™ 0.1% EcoSystem Voltage LED Driver with Soft-On, Fade-to-Black™

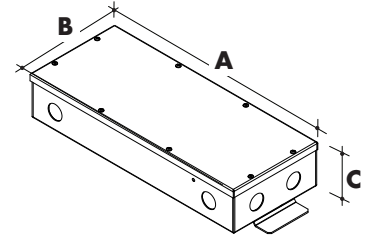
MODELS	L3DO
<b>A Length</b>	10.50"
<b>B Width</b>	5.50"
<b>C Depth</b>	2.00"



**Enlighted Enabled Dimming Power Supplies:**

MODEL	POWER	OUTPUT	DIMMING	Location
PSV	96	24	ENL	D
PSV - LED Power Supply	96 - 96 WATT	24 - 24 VDC	ENL - Enlighted Dimming	D - Damp

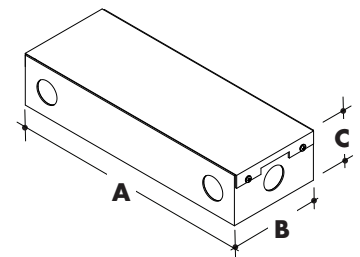
<b>MODELS</b>	<b>96 W</b>
<b>A Length</b>	14.40"
<b>B Width</b>	5.20"
<b>C Depth</b>	2.60"



**Non-Dimming Power Supplies:**

MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV	40	24	U2ND	D
PSV - PSV Series	40 - 40 W 60 - 60 W 96 - 96 W	24 - 24 VDC	U2ND - Non Dimming	D - Dry Location IP65 - Wet Location

<b>MODELS</b>	<b>PSV Dry</b>	<b>PSV Wet</b>
<b>A Length</b>	9.2"	9.5"
<b>B Width</b>	3.4"	4.12"
<b>C Depth</b>	1.9"	2.3"



**In ground, Electronic Low Voltage Dimming Power Supplies:**

MODEL	CIRCUIT x POWER	OUTPUT	INPUT
IG-CVE	96X2	24	
IG-CVE - In ground CVE Series <b>dims down to 0.1%</b>	96X2 - 2 x 96W	24 - 24 VDC	Blank - 120 V 277 - 240/277 V

<b>MODELS</b>	<b>Dual circuit</b>
<b>A Length</b>	8.0"
<b>B Width</b>	8.0"
<b>C Depth</b>	8.0"

