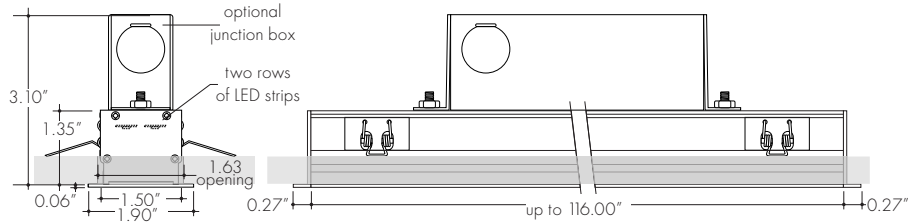
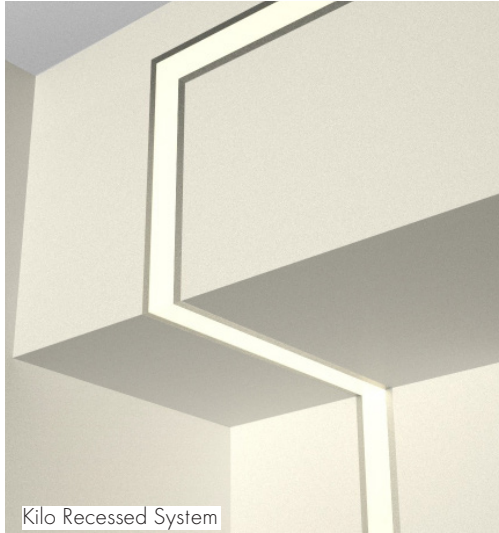
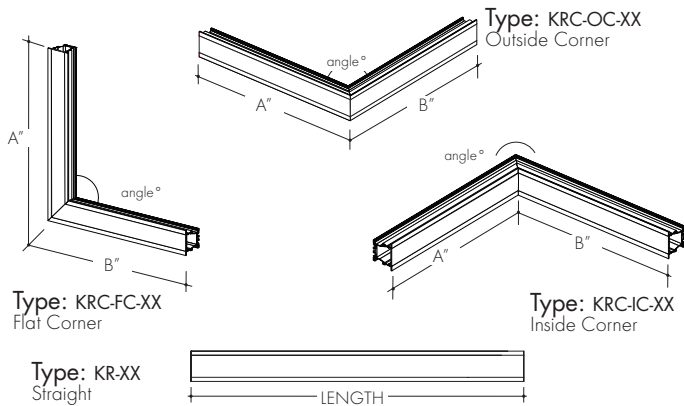


Extruded aluminum linear corners complete an area that contains corners or straight turns. Kilo Recessed Corners have mitered cuts that are available in a standard 90°, or custom angle. The Kilo Recessed Corner is suitable for general illumination, architectural accents, display cases and many other discrete recessed applications. Class 2 listed for damp locations.



**Kilo Recessed System Options**



**TYPE IC**



**Finish options**



**Technical Information**

Output type	Output Options		
	SO (2 x LL36)	MO (2 x LL54)	HO (2 X LL72)
Lumens at 3000K (clear lens)	329 lm/ft	489 lm/ft	735 lm/ft
Average power consumption at 4'	6.5 W/ft	9.0 W/ft	12.0 W/ft
Maximum system length <i>Achievable via feed through fixture wiring.</i>	15'	11'	9'
Operating Voltage	24V DC	24V DC	24V DC

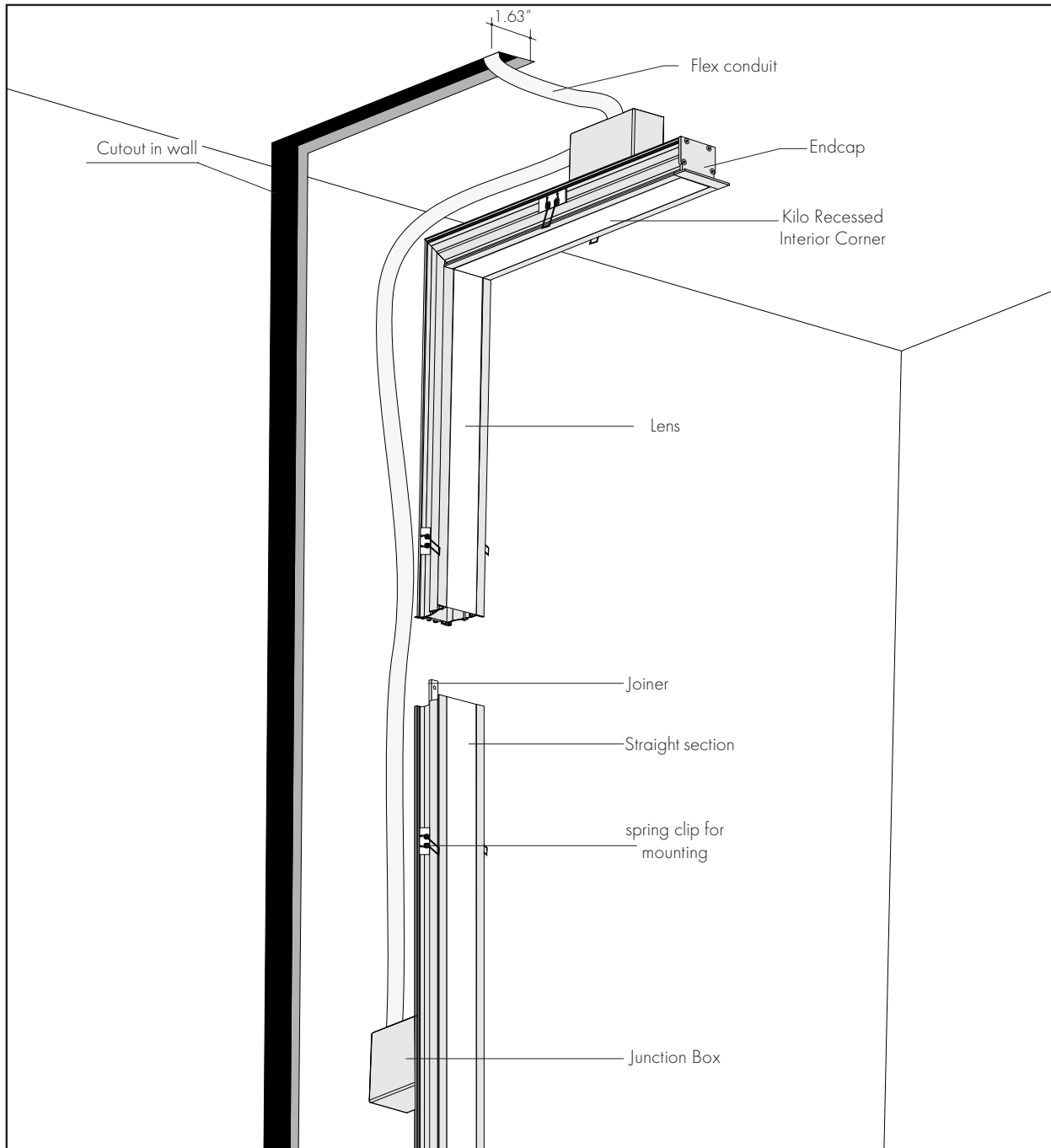
Color temperature	Multiplier <small>(referenced from 3000K)</small>	TM-30-15		
		CRI	R <sub>f</sub>	R <sub>g</sub>
2200K	0.87	82	81	99
2400K	0.73	98	95	101
2700K	0.81	98	95	102
2900K	0.86	97	95	102
3000K	1.00	91	90	101
3500K	1.05	95	90	97
4100K	1.28	93	88	96

**BASED ON LED VALUES**

**Ordering code**

MODEL	CORNER TYPE	ANGLE	CCT	OUTPUT	LENS	FINISH	LEFT END	RIGHT END	POWER FEED
KRC - Kilo Recessed Corner	IC - Inside OC - Outside FC - Flat	90 - 90° C - Custom°	22K - 2200K 24K - 2400K 27K - 2700K 29K - 2900K 30K - 3000K 35K - 3500K 41K - 4100K	SO - Standard MO - Medium HO - High	C - Clear F - Frosted P - Prismatic	SA - Silver BK - Black BZ - Bronze WH - White <small>[BK,BZ,WH finishes will have an upcharge and require longer lead times]</small>	LE - W/ end cap LN - WO/ end cap	RE - W/ end cap RN - WO/ end cap	F1 - 72" wire leads JB1 - One integrated junction boxes

Corners assembly examples



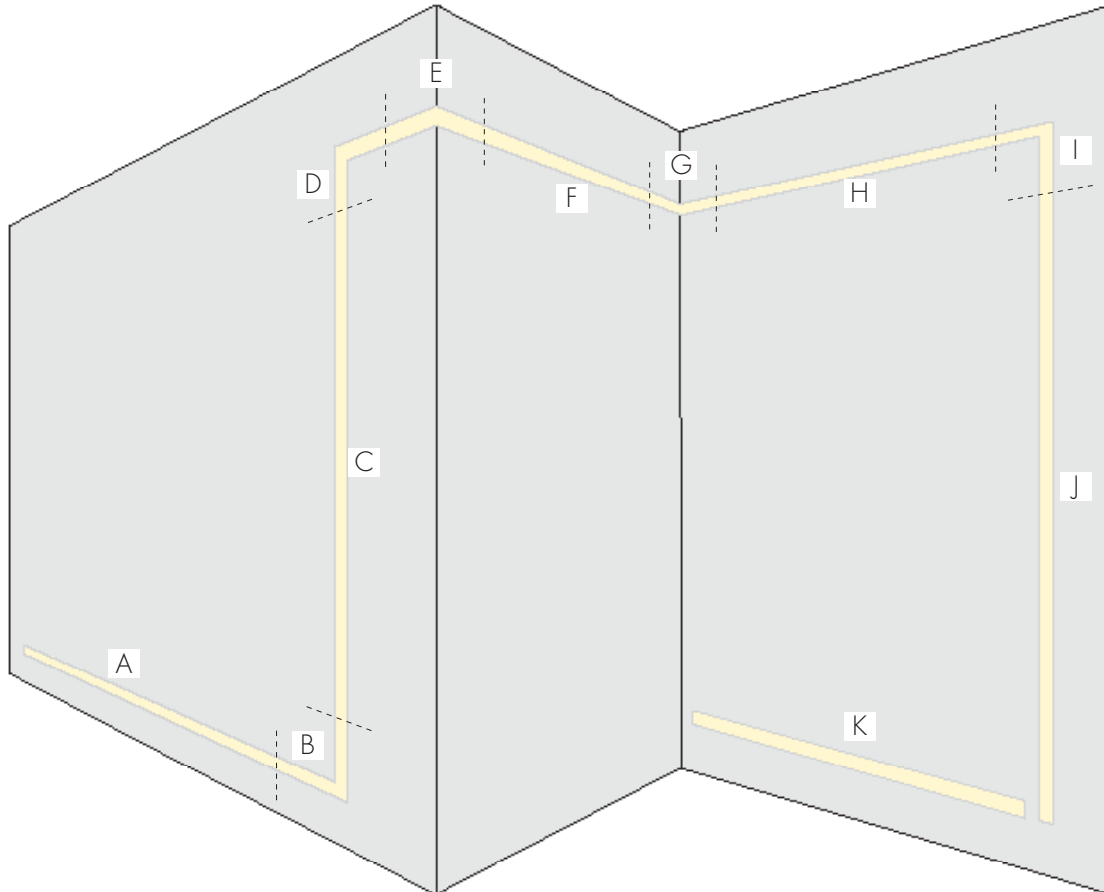
Ordering code for straight sections

MODEL	LENGTH	CCT	OUTPUT	LENS	FINISH	LEFT END	RIGHT END	POWER FEED
<b>KR</b>	<b>12</b>	<b>22K</b>	<b>SO</b>	<b>C</b>	<b>SA</b>	<b>LE</b>	<b>RE</b>	<b>F1</b>
KR - Kilo Recessed	12" - 116" 4" increments	22K - 2200K 24K - 2400K 27K - 2700K 29K - 2900K 30K - 3000K 35K - 3500K 41K - 4100K	SO - Standard MO - Medium HO - High	C - Clear F - Frosted P - Prismatic	SA - Silver BK - Black BZ - Bronze WH - White <small>(BK,BZ,WH finishes will have an upcharge and require longer lead times)</small>	*LE - W/ endcap LN - WO/ endcap	*RE - W/ endcap RN - WO/ endcap	F1 - 72" wire leads JB1 - one integrated junction box

\* Select for a straight run independently of the system

Layout example

Corner types are ordered individually following ordering code on page 1. If using corners to complete a system follow Kilo recessed ordering code for all straight runs on page 2.

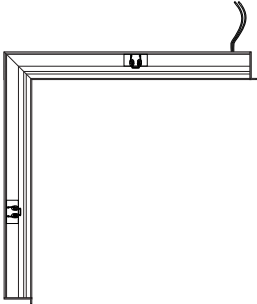


Example ordering codes for the above layout

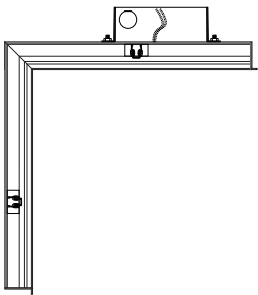
Section	Ordering Code	Description
A	<b>KR - 108 - 29K - MO - F - SA - LE - RN - JB1</b>	9'-0" straight run, medium output
B	<b>KRC - FC - 90 - 29K - MO - F - SA - LN - RN - F1</b>	90° flat corner turn, medium output
C	<b>KR - 72 - 29K - MO - F - SA - LN - RN - JB1</b>	6'-0" straight run, medium output
D	<b>KRC - FC - 90 - 29K - MO - F - SA - LN - RN - F1</b>	90° flat corner turn, medium output
E	<b>KRC - OC - 90 - 29K - MO - F - SA - LN - RN - F1</b>	90° outside corner turn, medium output
F	<b>KR - 36 - 29K - MO - F - SA - LN - RN - JB1</b>	3'-0" straight run, medium output
G	<b>KRC - IC - 90 - 29K - MO - F - SA - LN - RN - F1</b>	90° inside corner turn, medium output
H	<b>KR - 48 - 29K - MO - F - SA - LN - RN - JB1</b>	4'-0" straight run, medium output
I	<b>KRC - FC - 90 - 29K - MO - F - SA - LN - RN - F1</b>	90° flat corner turn, medium output
J	<b>KR - 84 - 29K - MO - F - SA - LN - RE - JB1</b>	7'-0" straight run, medium output
K	<b>KR - 48 - 29K - MO - F - SA - LE - RE - JB1</b>	4'-0" straight run, medium output

Powefeed options for KRC fixtures

**F1** - 72" wire leads, plenum rated CL3R cable



**JB1** - One integrated junction box

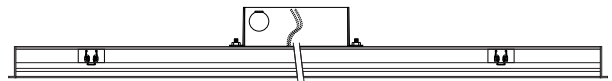


Powefeed options for KR straight sections

**F1** - 72" wire leads, plenum rated CL3R cable



**JB1** - one integrated junction box

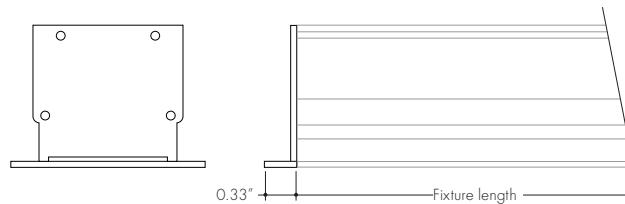


### Power consumption per fixture length

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"	13-2/16"	6.50	6.40	13 "	10.00	9.3	13 "	13.50	13.50
16"	16-14/16"	6.50	8.76	16-15/16"	10.00	12.40	16-11/16"	13.27	17.50
20"	20-14/16"	6.50	11.12	20-15/16"	9.90	15.50	20-10/16"	13.00	21.50
24"	24-13/16"	6.50	13.50	24-13/16"	9.90	18.6	24-11/16"	12.80	25.60
28"	28-12/16"	6.50	15.63	28-12/16"	9.90	21.70	28-12/16"	12.69	29.50
32"	32-11/16"	6.50	17.76	32-11/16"	9.80	24.80	32-11/16"	12.58	33.4
36"	36-10/16"	6.50	19.90	36-10/16"	9.80	27.9	36-10/16"	12.47	37.40
40"	40-9/16"	6.50	21.93	40-9/16"	9.80	30.60	40-9/16"	12.31	41.00
44"	44-7/16"	6.40	23.96	44-8/16"	9.70	33.30	44-9/16"	12.15	44.60
48"	48-7/16"	6.40	26.00	48-7/16"	9.70	36.0	48-7/16"	12.00	48.30
52"	52-6/16"	6.40	28.03	52-6/16"	9.70	41.50	52-7/16"	11.92	51.10
56"	56-5/16"	6.40	30.06	56-5/16"	9.60	47.00	56-5/16"	11.84	55.90
60"	60-4/16"	6.40	32.10	60-4/16"	9.60	52.5	60-4/16"	11.75	58.70
64"	64-3/16"	6.40	33.96	64-3/16"	9.60	54.96	64-3/16"	11.67	62.60
68"	68-2/16"	6.30	35.82	68-2/16"	9.50	57.42	69-3/16"	11.59	66.50
72"	72-1/16"	6.30	37.70	72-1/16"	9.50	59.9	72-11/16"	11.50	70.50
76"	76 "	6.30	39.5	76 "	9.50	62.40	76-12/16"	11.43	73.40
80"	79-15/16"	6.30	41.3	79-15/16"	9.40	64.90	80-11/16"	11.36	76.30
84"	83-14/16"	6.30	43.10	83-15/16"	9.40	67.4	84-11/16"	11.30	79.10
88"	87-13/16"	6.30	44.9	87-12/16"	9.40	70.00	88-13/16"	11.07	81.00
92"	91-12/16"	6.20	46.7	91-12/16"	9.30	72.60	92-12/16"	10.84	82.90
96"	95-12/16"	6.20	48.60	97 "	9.30	75.2	96-11/16"	10.61	84.90
100"	99-10/16"	6.20	50.5	100-15/16"	9.30	77.80	100"	10.46	87.10
104"	103-8/16"	6.10	52.4	104-11/16"	9.20	80.30	104-10/16"	10.31	89.30
108"	107-7/16"	6.10	54.30	108-13/16"	9.20	82.9	108-7/16"	10.16	91.40
112"	111-7/16"	6.10	56.06	112-12/16"	9.20	84.90			
116"	115-6/16"	6.10	57.82	116-11/16"	9.10	86.90			

Actual lengths are measured without endcaps, consider the endcaps below for overall measurements.



### Power consumption per Corner type

Based on operation with PSD series of power supplies.

Corner Type	Actual length (AxB)	SO		MO		HO	
		Total wattage	Actual length (AxB)	Total wattage	Actual length (AxB)	Total wattage	
Flat	13-3/4" x 13-3/4"	15.00	13-1/8" x 13-1/8"	21.50	12-1/4" x 12-1/4"	22.50	
Outer	13-1/16" x 13-1/16"	14.50	13" x 13"	21.00	12-1/4" x 12-1/4"	22.50	
Inner	10-11/16" x 10-11/16"	13.00	10-11/16" x 10-11/16"	20.00	10-11/16" x 10-11/16"	22.50	

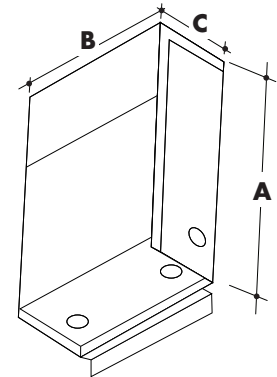
## Power supply

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

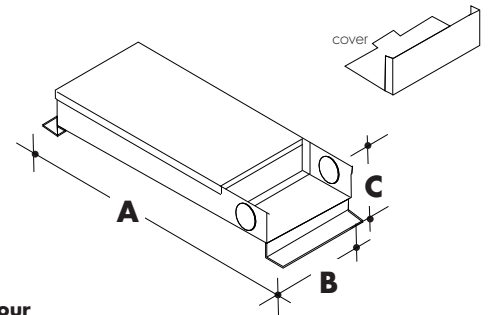
MODELS	PSD 48	PSD 96	PSD 288
<b>A Length</b>	11.25"	11.25"	13.06"
<b>B Width</b>	3.42"	3.42"	8.42"
<b>C Depth</b>	3.42"	3.27"	4.47"



### 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

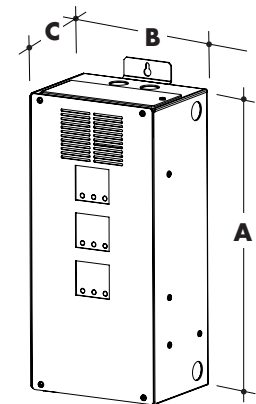
MODELS	Single circuit	Dual circuit	Three circuit	Four circuit
<b>A Length</b>	13.9"	13.8"	13.8"	13.8"
<b>B Width</b>	2.3"	4.0"	5.9"	7.75"
<b>C Depth</b>	1.3"	1.9"	1.9"	1.9"



### 0-10V Dimming Power Supplies:

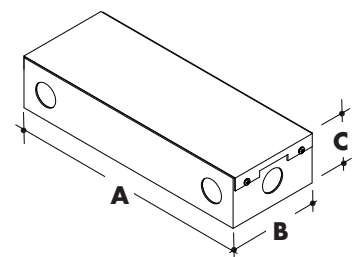
MODEL	POWER	OUTPUT	DIMMING
<b>PSO10V</b>	<b>3X96</b>	<b>24</b>	<b>LIN</b>
PSO10V - 0-10V Power Supply dims down to 0%	96 - 96 WATT 3X96 - 3 X 96 WATT	24 - 24 VDC	LIN - Linear LOG - Logarithmic

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>24V</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

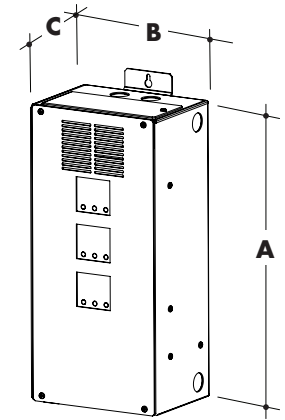
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

### 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"

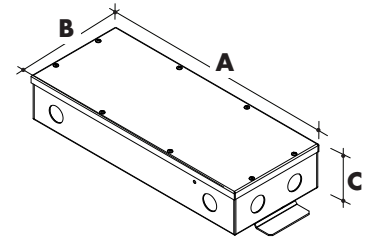


### DALI Dimming Power Supplies:

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"



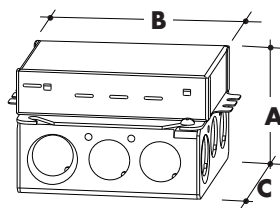
## LUTRON®

Luminii is a Lutron OEM Advantage Partner

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

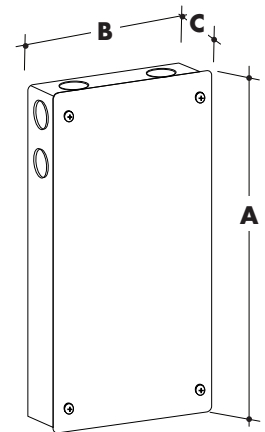
MODELS	LTEA	L3DA
<b>A Length</b>	4.89"	4.89"
<b>B Width</b>	2.66"	2.66"
<b>C Depth</b>	4.00"	4.00"

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



MODEL		
<b>L3DO-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"



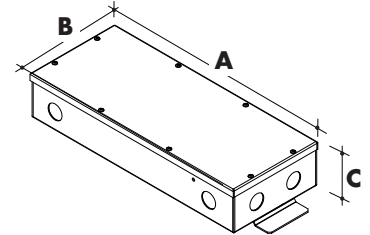
## Power supply

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

### 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

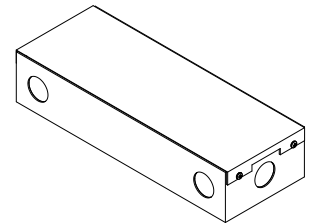
MODELS	96 W
A Length	14.40"
B Width	5.20"
C Depth	2.60"



### Non-Dimming Power Supplies:

MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV	40	24V	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

MODELS	PSV Dry	PSV Wet
A Length	9.2"	9.5"
B Width	3.4"	4.12"
C Depth	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</b> down to 0.1%	96X2 - 2 x 96W	24 - 24 VDC	Blank - 120 V 277 - 240/277 V

MODELS	Dual circuit
A Length	8.0"
B Width	8.0"
C Depth	8.0"

