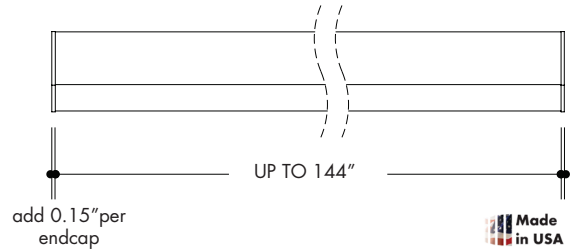
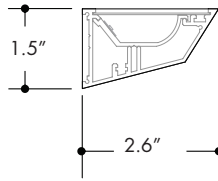


Designed with high efficacy and minimal size in mind, the mCove lighting system is available with long throw and tall throw reflectors, multiple light outputs and color temperature. The Black, and White finishes are complemented by a paint ready option. Individual fixtures connect easily together to reach long continuous run with no visible dark spots. Remote power supplies required. Approved for closet/storage space installation per NEC 410.16(A)(3) and 410.16(C)(5).

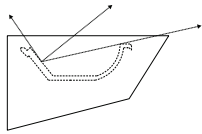


dimensions

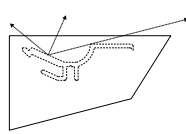


Made in USA

reflector options

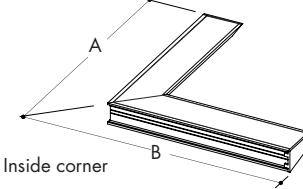


Long Throw

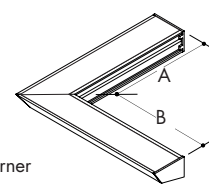


Tall Throw

corner options



Inside corner



Outside corner

UL US LISTED

RoHS Compliant

SINGLE BIN 30 CCT

TITLE 24 JAB COMPLIANT

dimable

Finish options



Black powder coated



White powder coated



Paint Ready

Technical information

Output type	Output Options					CCT INFO/LUMEN MULTIPLIER		TM-30-15		
	LO (LL18)	SO (LL30)	MO (LL36)	HO (LL54)	VHO (LL72)	Color temperature	Multiplier (referenced from 3000K)	CRI	R <sub>f</sub>	R <sub>g</sub>
Light output 3000K	125 lm/ft	227 lm/ft	253 lm/ft	354 lm/ft	493 lm/ft	2200K	0.87	82	81	99
Average power consumption at 15'	1.6 W/ft	2.5 W/ft	3.2 W/ft	5.2 W/ft	6.5 W/ft	2400K	0.73	98	95	101
Maximum system length <i>Achievable via feed through fixture wiring.</i>	80'	48'	39'	26'	18'	2700K	0.81	98	95	102
Operating Voltage	24V DC	24V DC	24V DC	24V DC	24V DC	2900K	0.86	97	95	102
						3000K	1.00	91	90	101
						3500K	1.05	95	90	97
						4100K	1.28	93	88	96

Ordering code

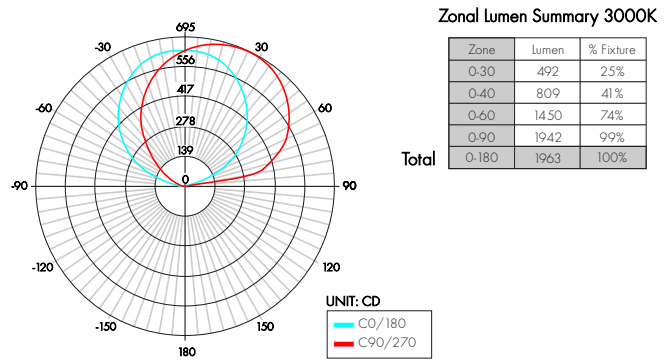
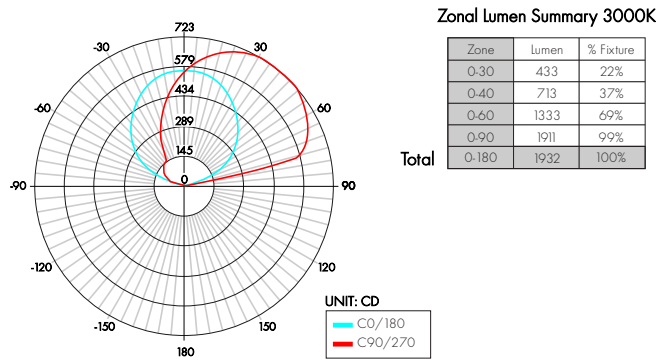
MODEL	LENGTH	CCT	OUTPUT	REFLECTOR	FINISH	LEFT END	RIGHT END	POWER FEED
M	12	22K	LO	LT	BK	LE	RE	PFL
M - Micro Cove	12" - 144" 4" increments	22K - 2200K 24K - 2400K 27K - 2700K 29K - 2900K 30K - 3000K 35K - 3500K 41K - 4100K	LO - Low SO - Standard MO - Medium HO - High VHO - Very High	LT - Long Throw TT - Tall Throw	BK - Black WH - White PR - Paint Ready	LE - W/ end cap LN - WO/ end cap	RE - W/ end cap RN - WO/ end cap	PFL - Power feed left PFR - Power feed right NPF - No Power feed

\*Refer to the sample layout on page 3, to choose the correct end cap & power feed.

Photometry

M-48-30K-VHO-IT-XX-XX

M-48-30K-VHO-TT-XX-XX



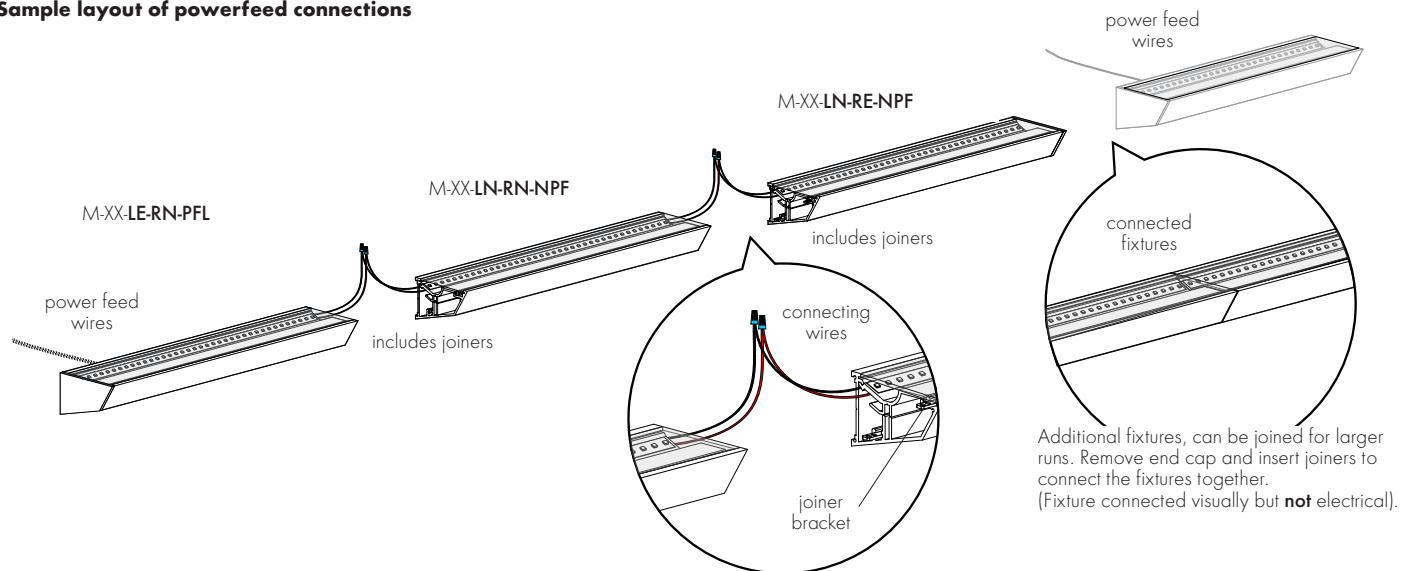
Power consumption per fixture length

Based on operation with PSD series of power supplies.

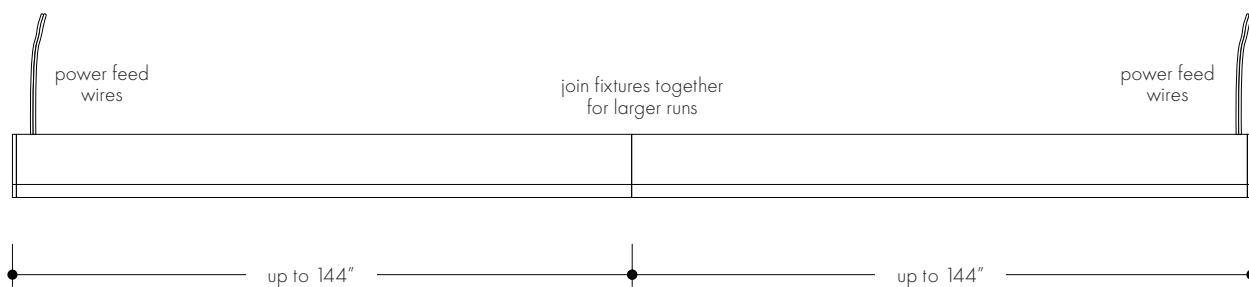
Nominal length	LO (LL18)			SO (LL30)			MO (LL36)			HO (LL54)			VHO (LL72)		
	*Actual length	W/ft	Total wattage	*Actual length	W/ft	Total wattage	*Actual length	W/ft	Total wattage	*Actual length	W/ft	Total wattage	*Actual length	W/ft	Total wattage
12	12-14/16"	1.65	1.65	13-5/16"	2.70	2.70	12-14/16"	3.25	3.25	12-13/16"	5.35	5.30	12-13/16"	6.75	6.75
16	16-13/16"	1.65	2.00	15-12/16"	2.70	3.60	16-12/16"	3.25	4.00	16-12/16"	5.33	7.06	16-11/16"	6.75	9.00
20	20-12/16"	1.65	2.80	20-11/16"	2.70	4.50	20-12/16"	3.25	5.25	20-12/16"	5.31	8.82	20-11/16"	6.75	11.25
24	24-10/16"	1.65	3.00	25-10/16"	2.70	5.40	24-10/16"	3.25	6.50	24-11/16"	5.30	10.60	24-10/16"	6.75	13.50
28	28-9/16"	1.65	3.90	28-1/16"	2.70	6.30	28-9/16"	3.25	7.75	28-9/16"	5.28	12.33	28-9/16"	6.75	16.75
32	32-8/16"	1.65	4.00	33 "	2.70	7.20	32-9/16"	3.25	8.50	32-9/16"	5.26	14.06	32-8/16"	6.75	19.00
36	36-8/16"	1.65	5.00	38 "	2.70	8.10	36-7/16"	3.25	9.75	36-8/16"	5.25	15.80	36-7/16"	6.65	19.95
40	40-6/16"	1.64	5.50	40-6/16"	2.65	8.90	40-6/16"	3.25	10.25	40-7/16"	5.23	17.40	41-6/16"	6.65	22.20
44	44-5/16"	1.64	6.00	45-5/16"	2.65	9.70	44-6/16"	3.20	11.75	44-6/16"	5.21	19.00	45-5/16"	6.65	24.40
48	48-4/16"	1.63	6.60	50-4/16"	2.65	10.60	48-5/16"	3.20	12.80	48-5/16"	5.20	20.60	49-4/16"	6.55	26.20
52	52-3/16"	1.63	7.10	52-11/16"	2.65	11.40	52-4/16"	3.20	13.30	53-9/16"	5.18	22.40	53-3/16"	6.55	28.50
56	56-3/16"	1.63	7.70	57-11/16"	2.65	12.20	56-3/16"	3.20	14.80	57-8/16"	5.16	24.20	57-2/16"	6.55	30.50
60	60-1/16"	1.63	8.20	60-1/16"	2.65	13.30	60-2/16"	3.20	16.00	61-7/16"	5.15	26.00	61-1/16"	6.45	32.25
64	64 "	1.63	8.80	65 "	2.65	14.20	64-1/16"	3.20	17.00	65-6/16"	5.13	27.60	65 "	6.45	34.40
68	67-15/16"	1.62	9.30	69-14/16"	2.65	15.10	69-15/16"	3.15	18.00	69-5/16"	5.11	29.20	68-15/16"	6.45	36.55
72	71-14/16"	1.62	9.80	72-6/16"	2.65	15.90	73-14/16"	3.15	18.90	73-4/16"	5.10	30.80	72-14/16"	6.40	38.40
76	75-14/16"	1.62	10.40	77-6/16"	2.60	16.70	77-13/16"	3.15	19.00	77-3/16"	5.08	32.40	76-13/16"	6.40	40.50
80	79-12/16"	1.62	10.90	82-3/16"	2.60	17.50	81-13/16"	3.15	21.50	81-3/16"	5.06	34.00	80-12/16"	6.40	43.00
84	83-11/16"	1.62	11.50	84-10/16"	2.60	18.20	85-11/16"	3.15	22.05	85-2/16"	5.05	35.70	84-11/16"	6.25	43.75
88	87-10/16"	1.62	12.00	89-10/16"	2.55	19.10	89-10/16"	3.15	23.00	89 "	5.03	37.10	88-10/16"	6.25	46.00
92	91-9/16"	1.62	12.50	92-1/16"	2.55	20.00	93-9/16"	3.10	24.00	92-15/16"	5.01	38.50	92-9/16"	6.25	48.00
96	95-9/16"	1.62	13.1	97 "	2.55	20.80	97-8/16"	3.10	24.80	96-15/16"	5.00	40.00	97-8/16"	6.15	49.20
100	99-7/16"	1.61	13.5	101-14/16"	2.55	21.70	101-8/16"	3.10	26.30	100-14/16"	4.98	41.60	101-7/16"	6.15	51.25
104	103-6/16"	1.61	14.00	104-5/16"	2.55	22.50	105-6/16"	3.05	27.10	104-13/16"	4.96	43.20	105-5/16"	6.15	53.00
108	111-4/16"	1.60	14.50	109-5/16"	2.50	23.40	109-6/16"	3.05	28.00	108-12/16"	4.95	44.80	109-5/16"	6.00	54.00
112	115-4/16"	1.60	15.00	114-3/16"	2.50	24.10	113-5/16"	3.05	28.50	112-11/16"	4.93	46.20	113-4/16"	6.00	56.00
116	119-2/16"	1.60	15.50	116-11/16"	2.50	24.80	117-3/16"	3.05	30.00	116-10/16"	4.91	47.60	117-3/16"	6.00	58.00
120	123-1/16"	1.59	16.50	121-9/16"	2.50	25.50	121-3/16"	3.00	30.50	120-10/16"	4.90	48.90	121-2/16"	5.90	59.00
124	127 "	1.59	17.00	124 "	2.45	26.30	125-2/16"	3.00	31.50	124-9/16"	4.89	50.40	125-1/16"	5.90	60.60
128	130-15/16"	1.59	17.50	129 "	2.45	27.30	129 "	3.00	32.50	128-8/16"	4.88	51.80	129 "	5.90	62.20
132	134-15/16"	1.59	18.10	133-15/16"	2.45	28.10	133 "	2.95	33.50	132-7/16"	4.86	53.30	132-15/16"	5.80	63.80
136	138-13/16"	1.59	18.60	136-7/16"	2.45	28.90	136-15/16"	2.95	34.30	136-6/16"	4.84	54.70	136-14/16"	5.80	65.30
140	142-12/16"	1.59	19.10	141-5/16"	2.40	29.80	140-14/16"	2.95	35.20	140-5/16"	4.82	56.10	140-13/16"	5.80	66.80
144	146-12/16"	1.58	19.64	143-13/16"	2.40	30.60	144-13/16"	2.90	36.00	145-9/16"	4.80	57.40	144-12/16"	5.70	68.40

## Additional information

### Sample layout of powerfeed connections

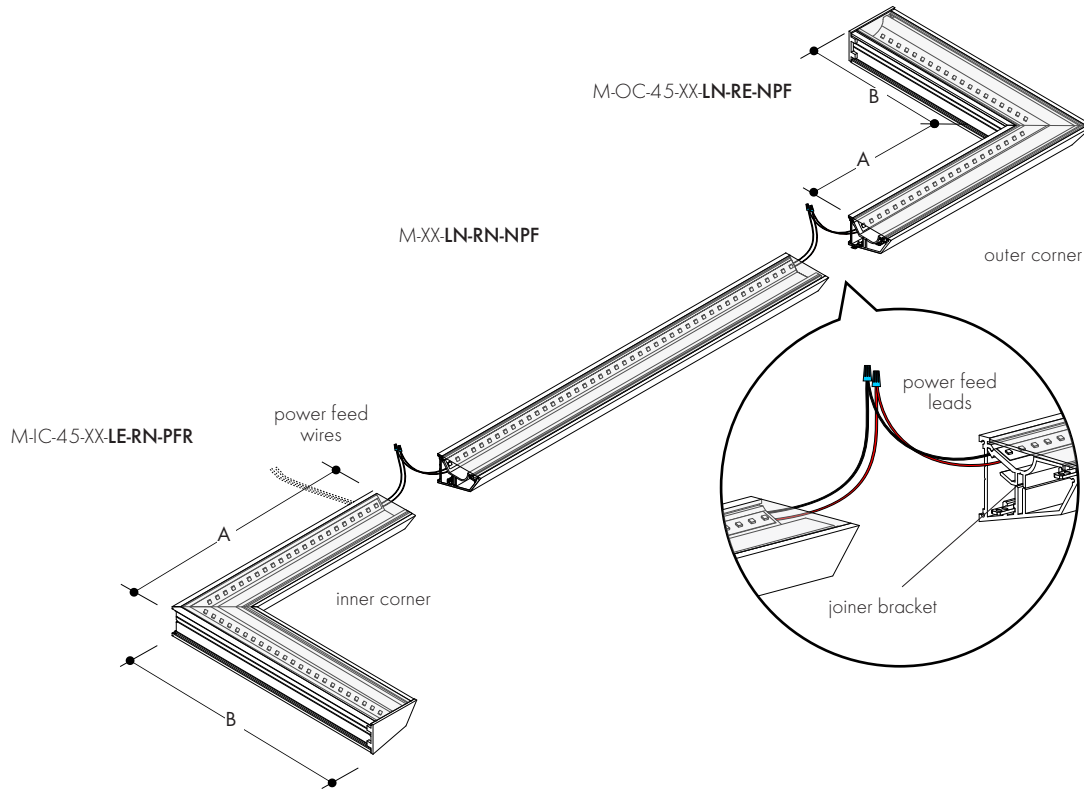


### join fixtures together



mCove corner

Sample layout of mCove corners with powerfeed connections



Ordering code

MODEL	CORNER TYPE	ANGLE	CCT	OUTPUT	REFLECTOR	FINISH	LEFT END	RIGHT END	POWER FEED
<b>M</b>	<b>IC</b>	<b>90</b>	<b>22K</b>	<b>LO</b>	<b>LT</b>	<b>BK</b>	<b>LE</b>	<b>RE</b>	<b>PFL</b>
M - Micro Cove	IC - Inside corner OC - Outside corner	90 - 90° C - Custom°	22K - 2200K 24K - 2400K 27K - 2700K 29K - 2900K 30K - 3000K 35K - 3500K 41K - 4100K	LO - Low SO - Standard MO - Medium HO - High VHO - Very High	LT - Long Throw TT - Tall Throw	BK - Black WH - White PR - Paint Ready	LE - W/ end cap LN - WO/ end cap	RE - W/ end cap RN - WO/ end cap	PFL - Power feed left PFR - Power feed right NPF - No Power feed

Power consumption per Corner type

Based on operation with PSD series of power supplies.

Inside Corner Type (output)	Actual length (AxB)	Total wattage
LO (LL18)	12-9/16" x 12-9/16"	3.00
SO (LL30)	12-3/16" x 12-3/16"	5.40
MO (LL36)	12-3/16" x 12-3/16"	6.50
HO (LL54)	12-12/16" x 12-12/16"	11.40
VHO (LL72)	12-3/16" x 12-3/16"	13.50

Outside Corner Type (output)	Actual length (AxB)	Total wattage
LO (LL18)	11-13/16" x 11-13/16"	3.00
SO (LL30)	10-7/16" x 10-7/16"	5.40
MO (LL36)	10" x 10"	6.50
HO (LL54)	11-7/16" x 11-7/16"	12.30
VHO (LL72)	10" x 10"	13.50

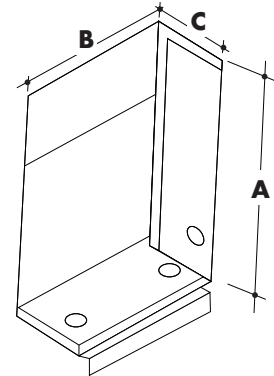
## Power supply

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

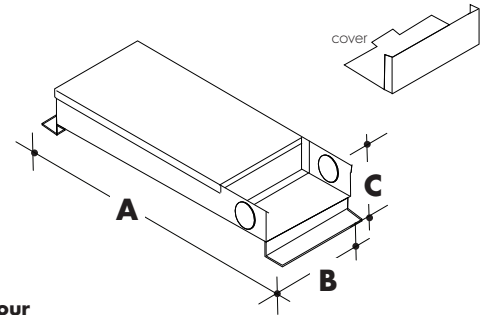
MODELS	PSD 48	PSD 96	PSD 288
<b>A Length</b>	11.25"	11.25"	13.06"
<b>B Width</b>	3.42"	3.42"	8.42"
<b>C Depth</b>	3.42"	3.27"	4.47"



### 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

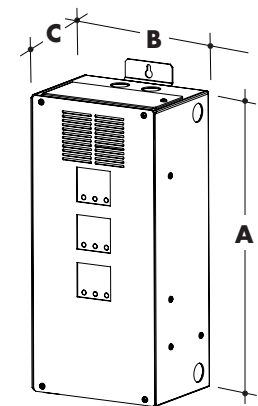
MODELS	Single circuit	Dual circuit	Three circuit	Four circuit
<b>A Length</b>	13.9"	13.8"	13.8"	13.8"
<b>B Width</b>	2.3"	4.0"	5.9"	7.75"
<b>C Depth</b>	1.3"	1.9"	1.9"	1.9"



### 0-10V Dimming Power Supplies:

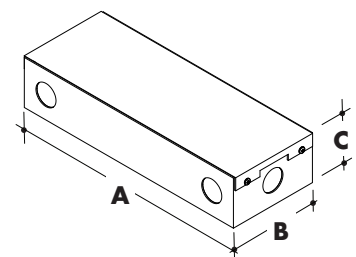
MODEL	POWER	OUTPUT	DIMMING
<b>PS010V</b>	<b>3X96</b>	<b>24</b>	<b>LIN</b>
PS010V - 0-10V Power Supply dims down to 0%	96 - 96 WATT 3X96 - 3 X 96 WATT	24 - 24 VDC	LIN - Linear LOG - Logarithmic

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

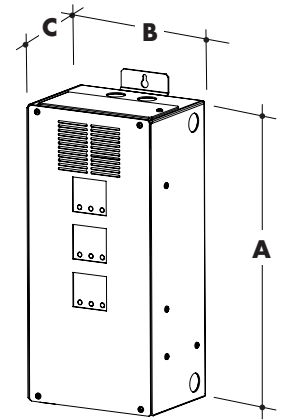
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

### 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"

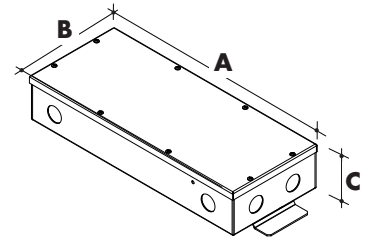


### DALI Dimming Power Supplies:

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

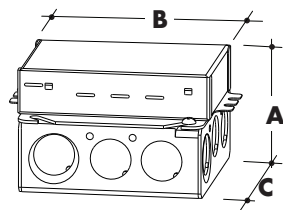
MODELS	96 W
<b>A Length</b>	14.40"
<b>B Width</b>	5.20"
<b>C Depth</b>	2.60"



Luminii is a Lutron OEM Advantage Partner

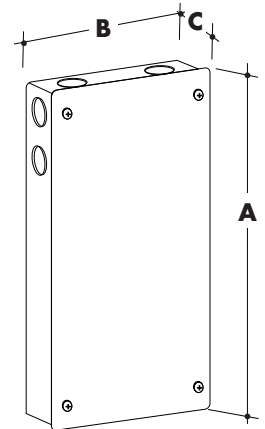
MODEL	L3DA4U1UKL-CV240	
Lutron - Hi-lume™ 1% 2-wire LED driver (120V forward phase only)	Hi-lume™ 1% EcoSystem Voltage LED Driver	

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	L3D0-96W24V-U
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"



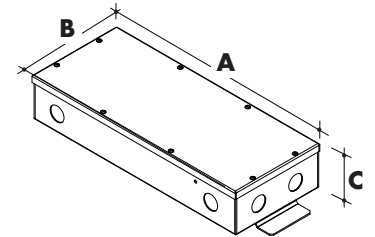
## Power supply

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

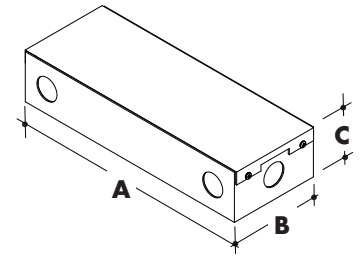
MODELS	96 W
A Length	14.40"
B Width	5.20"
C Depth	2.60"



### Non-Dimming Power Supplies:

MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV	40	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

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 down to 0.1%</b>	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"

