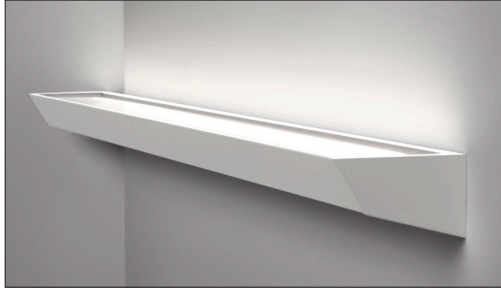
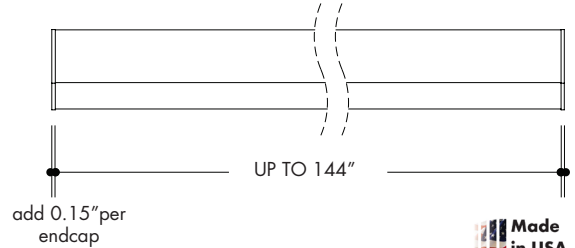
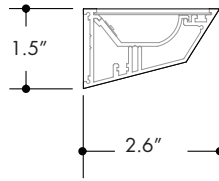


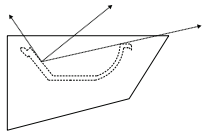
Designed with high efficacy and minimal size in mind, the mCove lighting system is available with long throw and tall throw reflectors, multiple light outputs and color temperature. The Black, and White finishes are complemented by a paint ready option. Individual fixtures connect easily together to 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).



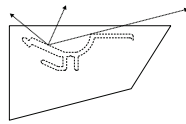
dimensions



reflector options

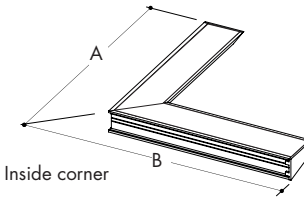


Long Throw

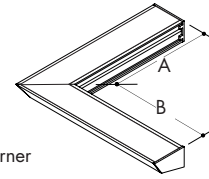


Tall Throw

corner options



Inside corner



Outside corner



RoHS Compliant



Finish options



Black powder coated



White powder coated



Paint Ready

Technical information

OUTPUT OPTIONS

Output	Lumens at 3000K	Average power consumption at 4'	Lumens / Watt	Maximum system length In series
LO (LL48HE-LO)	231 lm/ft	2.0 W/ft	116 lm/W	55'
SO (LL48HE-SO)	328 lm/ft	2.8 W/ft	117 lm/W	38'
MO (LL48HE-MO)	440 lm/ft	3.7 W/ft	119 lm/W	27'
HO (LL48HE-HO)	706 lm/ft	5.9 W/ft	120 lm/W	17'

CCT INFO/LUMEN MULTIPLIER

Color temperature	Multiplier (referenced from 3000K)	TM-30-15		
		CRI	R _f	R _g
2700K	0.94	92	90	99
3000K	1.00	92	89	99
3500K	1.02	92	89	99
4000K	1.02	92	86	94

Ordering code

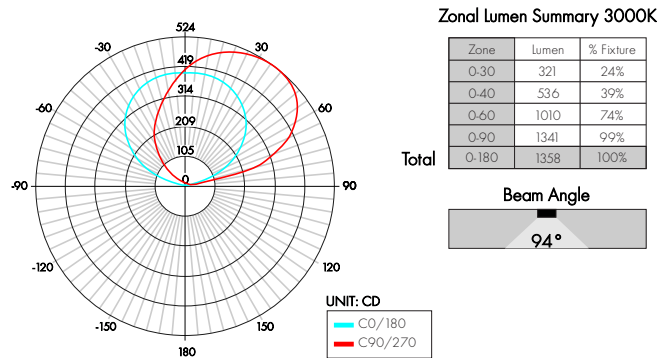
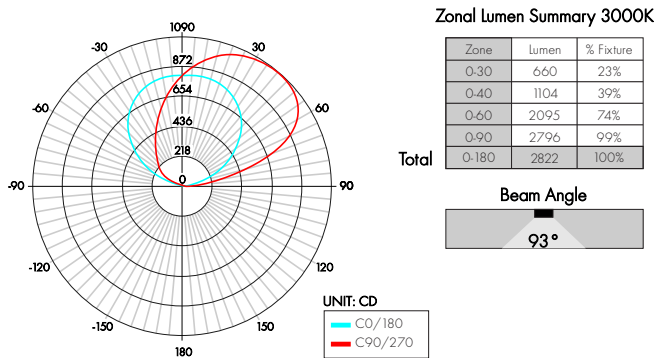
MODEL	LENGTH	CCT	OUTPUT	REFLECTOR	FINISH	LEFT END	RIGHT END	POWER FEED	
M - Micro Cove	HE - High Efficacy	12" - 144" (4" increments)	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	LO - Low SO - Standard MO - Medium HO - High	LT - Long Throw TT - Tall Throw	BK - Black WH - White PR - Paint Ready	LE - 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

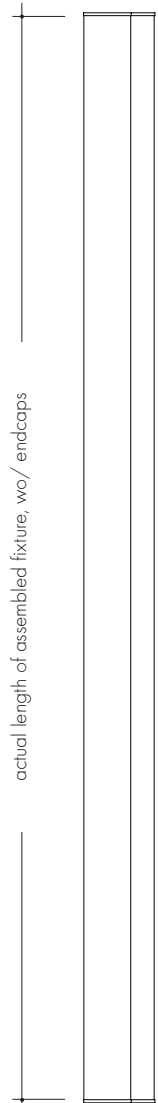
M-HE-48-30K-HO-IT-XX

M-HE-48-30K-SO-IT-XX



Power consumption per fixture length

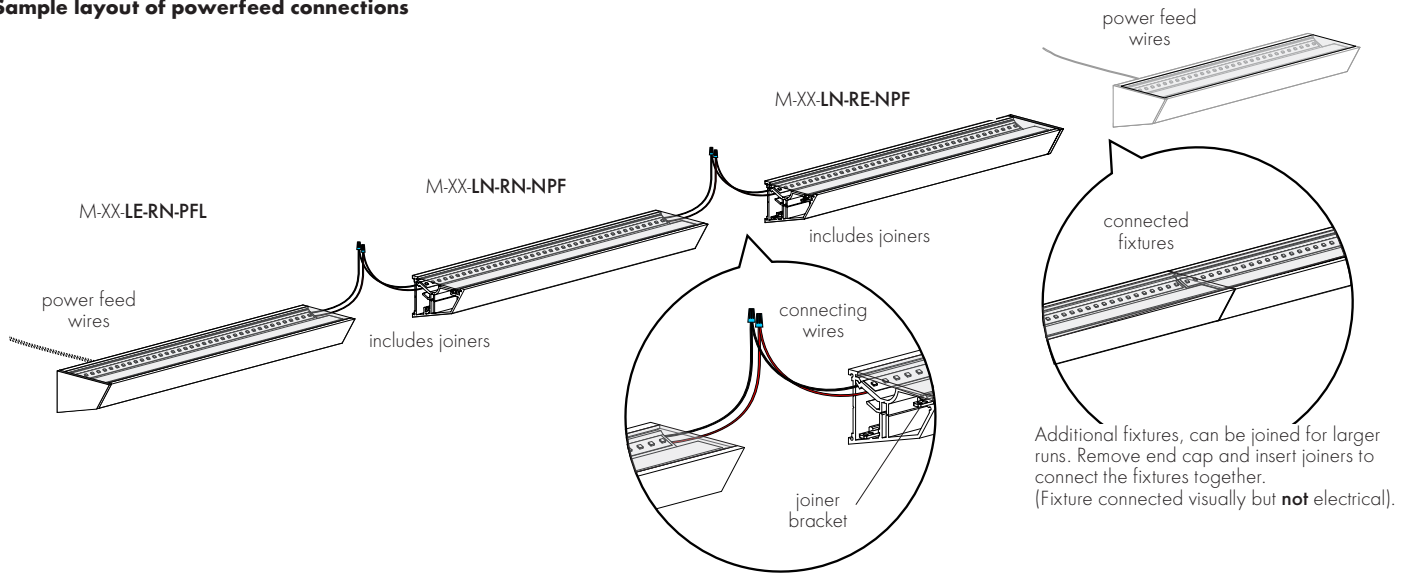
Based on operation with PSD series of power supplies.



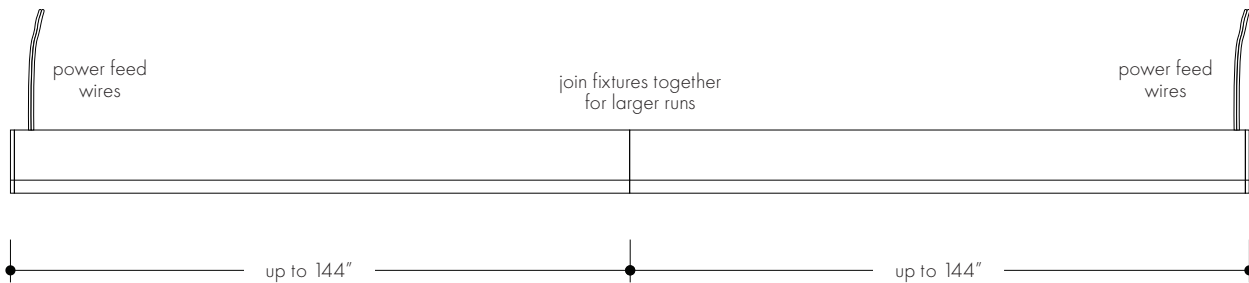
Length		LO		SO		MO		HO	
Nominal	Actual	W/ft	Total wattage	W/ft	Total wattage	W/ft	Total wattage	W/ft	Total wattage
12"	12-13/16"	2.00	2.00	2.79	2.79	3.70	3.70	5.90	5.90
16"	16-12/16"	2.00	2.67	2.79	3.72	3.70	4.90	5.90	7.88
20"	20-11/16"	2.00	3.33	2.79	4.65	3.70	6.10	5.90	9.86
24"	24-10/16"	2.00	4.00	2.79	5.58	3.70	7.40	5.90	11.84
28"	28-9/16"	2.00	4.67	2.79	6.51	3.70	8.63	5.91	13.81
32"	32-8/16"	2.00	5.34	2.79	7.44	3.70	9.83	5.91	15.78
36"	36-7/16"	2.00	6.00	2.79	8.37	3.70	11.10	5.91	17.75
40"	40-6/16"	2.00	6.66	2.79	9.30	3.70	12.33	5.92	19.74
44"	44-5/16"	2.00	7.33	2.79	10.23	3.70	13.56	5.92	21.73
48"	48-4/16"	2.00	8.00	2.79	11.16	3.70	14.80	5.92	23.72
52"	52-3/16"	2.00	8.67	2.79	12.09	3.70	16.03	5.92	25.70
56"	56-2/16"	2.00	9.34	2.79	13.02	3.70	17.26	5.92	27.68
60"	60-1/16"	2.00	10.00	2.79	13.95	3.70	18.50	5.92	29.66
64"	65-15/16"	2.00	10.67	2.79	15.82	3.70	19.73	5.93	31.64
68"	69-14/16"	2.00	11.34	2.79	17.69	3.70	20.96	5.93	33.62
72"	73-13/16"	2.00	12.00	2.79	19.56	3.70	22.20	5.93	35.60
76"	77-12/16"	2.00	12.67	2.79	20.48	3.70	23.43	5.91	37.53
80"	81-12/16"	2.00	13.33	2.79	21.40	3.70	24.66	5.91	39.46
84"	85-10/16"	2.00	14.00	2.79	22.32	3.70	25.90	5.91	41.40
88"	89-9/16"	2.00	14.67	2.79	23.25	3.70	27.13	5.92	43.40
92"	93-8/16"	2.00	15.33	2.79	24.18	3.70	28.36	5.92	45.40
96"	97-7/16"	2.00	16.00	2.79	25.10	3.70	29.60	5.92	47.45
100"	101-7/16"	2.00	16.67	2.79	26.03	3.70	30.93	5.94	49.45
104"	105-5/16"	2.00	17.33	2.79	26.96	3.70	32.26	5.94	51.45
108"	109-4/16"	2.00	18.00	2.79	27.90	3.73	33.60	5.94	53.50
112"	113-3/16"	2.00	18.67	2.79	28.85	3.73	34.93	5.99	55.50
116"	117-2/16"	2.00	19.33	2.79	29.80	3.73	36.26	5.99	57.50
120"	121-2/16"	2.00	20.00	2.79	30.75	3.76	37.60	5.99	59.50
124"	125 "	2.00	20.67	2.79	31.70	3.76	38.80	5.85	60.70
128"	128-15/16"	2.00	21.34	2.79	32.65	3.76	40.00	5.85	62.50
132"	132-14/16"	2.00	22.00	2.79	33.60	3.74	41.20	5.85	64.30
136"	136-14/16"	2.00	22.67	2.79	34.55	3.74	42.40	5.82	66.10
140"	140-13/16"	2.00	23.34	2.79	35.50	3.74	43.60	5.82	67.90
144"	144-11/16"	2.00	24.00	2.80	36.45	3.73	44.80	5.82	69.68

*add an addition 0.15" for each endcap used

Sample layout of powerfeed connections

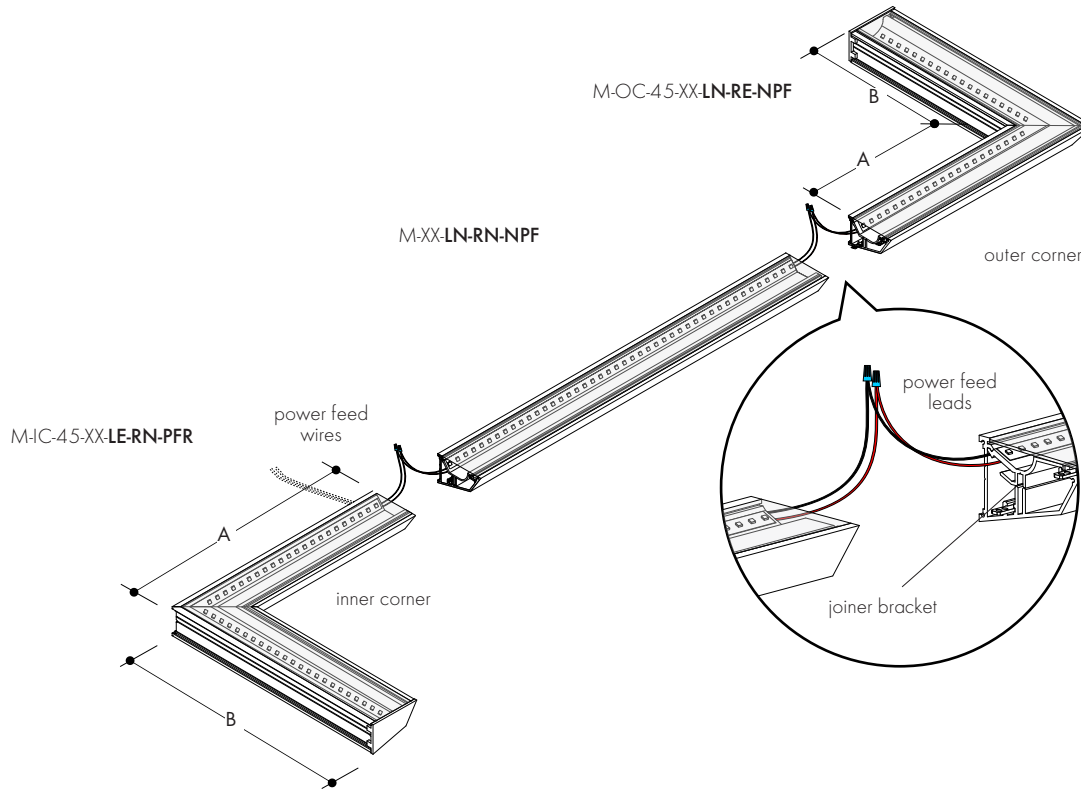


join fixtures together



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	
M	HE	IC	90	27K	LO	LT	BK	LE	RE	PFL
M - Micro Cove	HE - High Efficacy	IC - Inside corner OC - Outside corner	90 - 90° C - Custom°	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	LO - Low SO - Standard MO - Medium HO - 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	12-3/16" x 12-3/16"	4.00 W
SO	12-3/16" x 12-3/16"	5.60 W
MO	12-3/16" x 12-3/16"	7.40 W
HO	12-3/16" x 12-3/16"	11.84 W

Outside Corner Type (output)	Actual length (AxB)	Total wattage
LO	10" x 10"	3.33 W
SO	10" x 10"	4.65 W
MO	10" x 10"	6.10 W
HO	10" x 10"	9.86 W

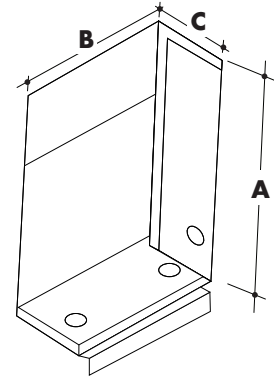
Power supply

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
PSD	48	24	
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

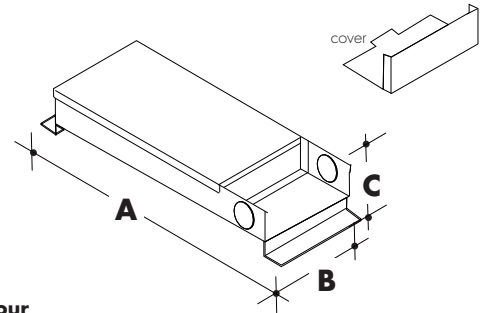
MODELS	PSD 48	PSD 96	PSD 288
A Length	11.25"	11.25"	13.06"
B Width	3.42"	3.42"	8.42"
C Depth	3.42"	3.27"	4.47"



Electronic Low Voltage Dimming Power Supplies:

MODEL	CIRCUIT x POWER	OUTPUT	INPUT
CVE	48D	24	
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

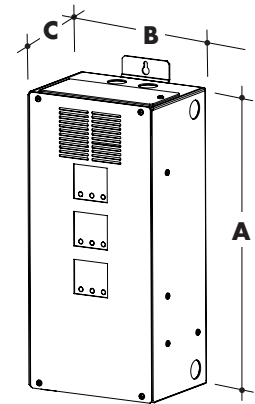
MODELS	Single circuit	Dual circuit	Three circuit	Four circuit
A Length	13.9"	13.8"	13.8"	13.8"
B Width	2.3"	4.0"	5.9"	7.75"
C Depth	1.3"	1.9"	1.9"	1.9"



0-10V Dimming Power Supplies:

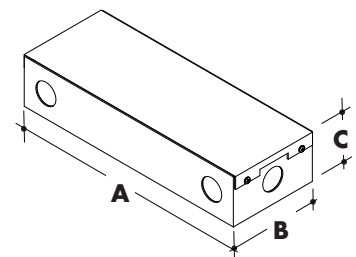
MODEL	POWER	OUTPUT	DIMMING
PSO10V	3X96	24	LIN
PSO10V - 0-10V Power Supply dims down to 0%	96 - 96 WATT 3X96 - 3 X 96 WATT	24 - 24 VDC	LIN - Linear LOG - Logarithmic

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



MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV	40	24	U2DIM	D
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
A Length	9.2"	9.5"
B Width	3.4"	4.12"
C Depth	1.9"	2.3"



Power supply

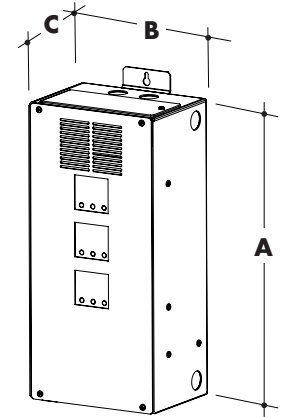
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

DMX Dimming Power Supplies:

MODEL	POWER	OUTPUT
PSDMX	96	24
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
A Length	15.75"
B Width	6.60"
C Depth	4.80"

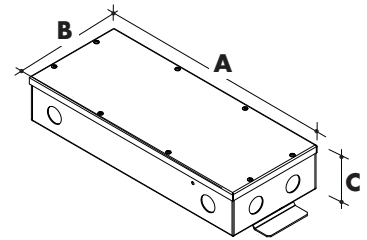


DALI Dimming Power Supplies:

MODEL	POWER	OUTPUT
PSDALI	96	24
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
A Length	14.40"
B Width	5.20"
C Depth	2.60"

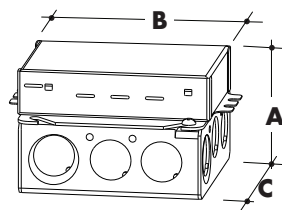


Luminii is a Lutron OEM Advantage Partner

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

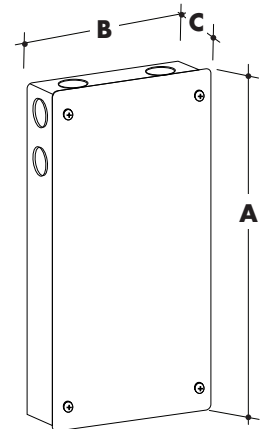
MODELS	LTEA	L3DA
A Length	4.89"	4.89"
B Width	2.66"	2.66"
C Depth	4.00"	4.00"

MODEL		
L3DA4U1UKL-CV240		
Hi-lume™ 1% EcoSystem Voltage LED Driver		



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

MODELS	L3D0
A Length	10.50"
B Width	5.50"
C Depth	2.00"



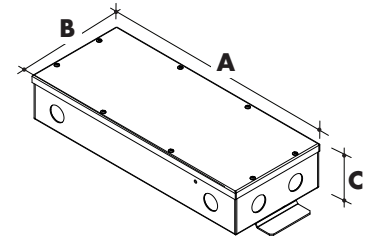
Power supply

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

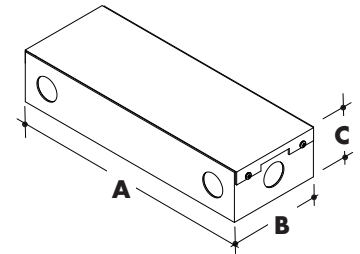
MODELS	96 W
A Length	14.40"
B Width	5.20"
C Depth	2.60"



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 dims 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"

