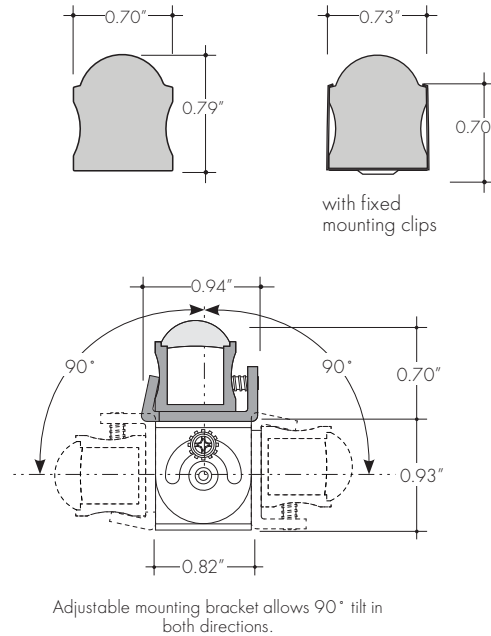


Extruded aluminum linear grazing system, Kendo M Graze features a 11° lightly frosted lens. Available in sections up to 116" long, Kendo M Graze is suitable for highlighting textured surfaces, stone walls or for edge lighting. Class 2 listed for damp location installations. Approved for closet/storage space installation per NFPA 70, article 410.16. 5 year warranty.



IC RATED

RoHS Compliant



### Finish options



Black powder coated



Bronze powder coated



Silver anodized



White powder coated

### Technical information

Output type	Output Options	
	HO (LL54)	VHO (LL72)
Lumens at 3000K	310 lum/ft	368 lum/ft
Average power consumption at 4'	5.2 W/ft	6.5 W/ft
Maximum system length <i>Achievable via feed through fixture wiring.</i>	26'	18'
Operating Voltage	24VDC	24VDC

Color temperature	Multiplier <small>(referenced from 3000K)</small>	TM-30-15 <small>BASED ON LED VALUES</small>		
		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

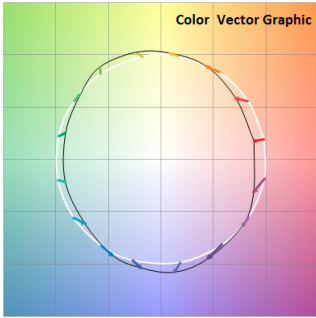
### Ordering code

MODEL	LENGTH	CCT	OUTPUT	LENS	MOUNTING	FINISH	POWER FEED
KMG Kendo M Graze	12 12"-116" 4" increments	22K 22K - 2200 K 24K - 2400 K 27K - 2700 K 29K - 2900 K 30K - 3000 K 35K - 3500 K 41K - 4100 K	HO HO - High VHO - VeryHigh	11 11° - Semi-frosted	A A - Adjustable F - Fixed	SA SA - Silver BK - Black BZ - Bronze WH - White <small>(BK,BZ,WH finishes will have an upcharge and require longer lead times)</small>	F1 F1 - 72" wire leads F1X2 - 72" wire lead at both ends F2 - 72" wire leads at one end and quick connect at other F3 - Single quick connect F4 - Dual quick connect

TM-30-15: Data

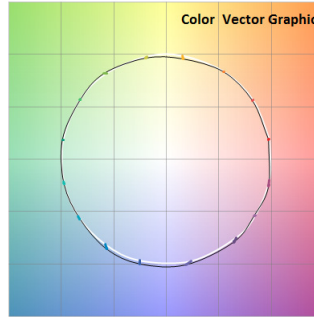
Based on LED Values

22K CCT



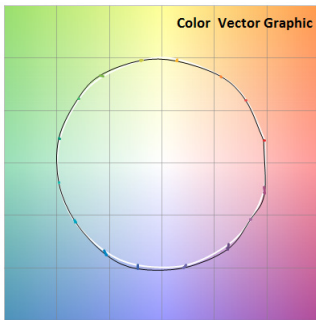
Hue Bin	$R_f$	Graphic shifts (%)	
		Chroma	Hue
1	79	-10%	0%
2	79	-8%	8%
3	70	-2%	14%
4	85	2%	8%
5	90	5%	5%
6	90	6%	-3%
7	84	-2%	-8%
8	89	-6%	-4%
9	85	-6%	3%
10	78	-6%	11%
11	77	2%	14%
12	79	6%	9%
13	88	8%	-7%
14	67	4%	-20%
15	84	0%	-10%
16	75	-7%	-14%

24K CCT



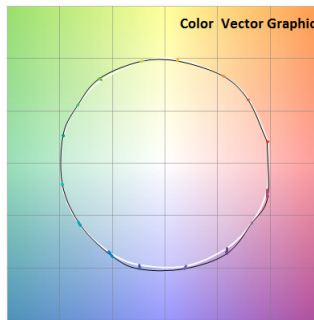
Hue Bin	$R_f$	Graphic shifts (%)	
		Chroma	Hue
1	97	-1%	0%
2	97	-1%	0%
3	97	0%	1%
4	95	-3%	-1%
5	96	-1%	2%
6	96	1%	3%
7	97	0%	1%
8	98	1%	0%
9	97	0%	2%
10	95	0%	3%
11	93	3%	4%
12	93	3%	1%
13	93	3%	-6%
14	92	2%	-4%
15	95	-1%	-1%
16	91	0%	-6%

27K CCT



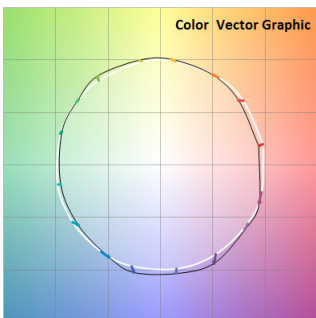
Hue Bin	$R_f$	Graphic shifts (%)	
		Chroma	Hue
1	97	-1%	0%
2	98	0%	0%
3	96	0%	1%
4	96	-2%	0%
5	96	0%	2%
6	95	2%	2%
7	96	1%	0%
8	98	1%	-1%
9	98	0%	1%
10	95	0%	3%
11	92	2%	5%
12	93	3%	1%
13	95	2%	-3%
14	93	3%	-3%
15	96	0%	-1%
16	91	1%	-6%

29K CCT



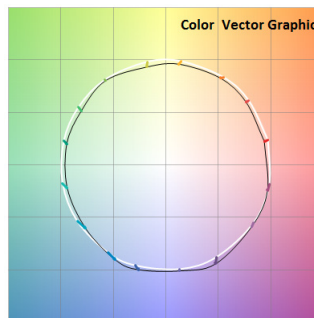
Hue Bin	$R_f$	Graphic shifts (%)	
		Chroma	Hue
1	79	-10%	0%
2	79	-8%	8%
3	70	-2%	14%
4	85	2%	8%
5	90	5%	5%
6	90	6%	-3%
7	84	-2%	-8%
8	89	-6%	-4%
9	85	-6%	3%
10	78	-6%	11%
11	77	2%	14%
12	79	6%	9%
13	88	8%	-7%
14	67	4%	-20%
15	84	0%	-10%
16	75	-7%	-14%

30K CCT



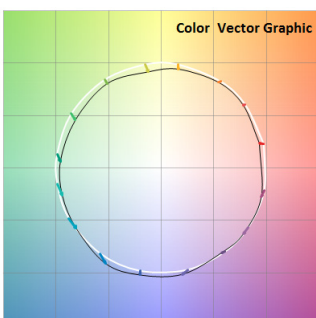
Hue Bin	$R_f$	Graphic shifts (%)	
		Chroma	Hue
1	90	-4%	-1%
2	91	-4%	3%
3	86	-1%	7%
4	91	1%	5%
5	92	2%	3%
6	93	4%	-1%
7	92	0%	-4%
8	95	-1%	-2%
9	94	-3%	1%
10	87	-3%	6%
11	84	0%	10%
12	88	6%	4%
13	92	4%	-1%
14	88	6%	-6%
15	89	1%	-7%
16	85	0%	-11%

35K CCT



Hue Bin	$R_f$	Graphic shifts (%)	
		Chroma	Hue
1	91	-4%	0%
2	93	-3%	0%
3	92	-2%	2%
4	92	-3%	1%
5	91	-5%	1%
6	96	-1%	1%
7	92	-4%	1%
8	93	-3%	2%
9	90	-4%	5%
10	83	-3%	10%
11	83	2%	10%
12	89	3%	4%
13	95	2%	-1%
14	90	5%	-4%
15	90	1%	-5%
16	88	0%	-6%

41K CCT

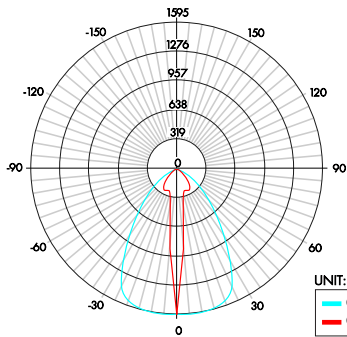


Hue Bin	$R_f$	Graphic shifts (%)	
		Chroma	Hue
1	88	-4%	1%
2	93	-2%	1%
3	93	-2%	1%
4	89	-4%	-2%
5	88	-7%	-1%
6	93	-4%	0%
7	88	-7%	3%
8	87	-4%	6%
9	82	-3%	12%
10	79	0%	12%
11	83	5%	9%
12	91	4%	0%
13	89	3%	-6%
14	92	-1%	-3%
15	84	0%	-7%
16	84	-1%	-6%

Photometry

KMG-48-30K-HO-11-XX

KMG-48-30K-VHO-11-XX



Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	497	40%
0-40	728	59%
0-60	1050	85%
0-90	1201	97%
0-180	1239	100%

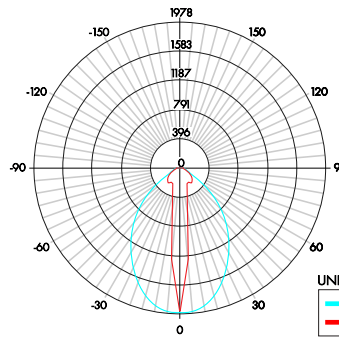
Total

Beam Angle

11°

UNIT: CD

C0/180  
C90/270



Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	593	40%
0-40	830	56%
0-60	1224	83%
0-90	1438	98%
0-180	1471	100%

Total

Beam Angle

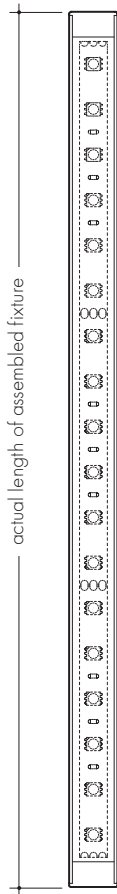
11°

UNIT: CD

C0/180  
C90/270

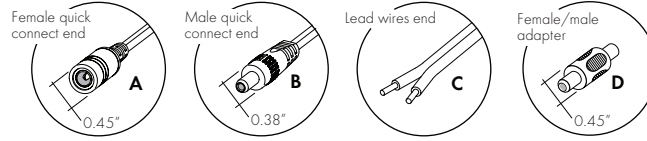
Power consumption per fixture length

Based on operation with PSD series of power supplies.



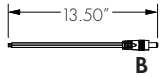
Nominal Length	Actual Length	HO		VHO		
		W/ft	Total wattage	Actual Length	W/ft	Total wattage
12"	12-11/16"	5.35	5.30	12-11/16"	6.75	6.75
16"	16-10/16"	5.33	7.06	16-9/16"	6.75	9.00
20"	20-10/16"	5.31	8.82	20-9/16"	6.75	11.25
24"	24-9/16"	5.30	10.60	24-8/16"	6.75	13.50
28"	28-7/16"	5.28	12.33	28-7/16"	6.75	16.75
32"	32-7/16"	5.26	14.06	32-6/16"	6.75	19.00
36"	36-6/16"	5.25	15.80	36-5/16"	6.65	19.95
40"	40-5/16"	5.23	17.40	41-4/16"	6.65	22.20
44"	44-4/16"	5.21	19.00	45-3/16"	6.65	24.40
48"	48-3/16"	5.20	20.60	49-2/16"	6.55	26.20
52"	53-7/16"	5.18	22.40	53-1/16"	6.55	28.50
56"	57-6/16"	5.16	24.20	57 "	6.55	30.50
60"	61-5/16"	5.15	26.00	60-15/16"	6.45	32.25
64"	65-4/16"	5.13	27.60	64-14/16"	6.45	34.40
68"	69-3/16"	5.11	29.20	68-13/16"	6.45	36.55
72"	73-2/16"	5.10	30.80	72-12/16"	6.40	38.40
76"	77-1/16"	5.08	32.40	76-11/16"	6.40	40.50
80"	81-1/16"	5.06	34.00	80-10/16"	6.40	43.00
84"	85 "	5.05	35.70	84-9/16"	6.25	43.75
88"	88-14/16"	5.03	37.10	88-8/16"	6.25	46.00
92"	92-13/16"	5.01	38.50	92-7/16"	6.25	48.00
96"	96-13/16"	5.00	40.00	97-6/16"	6.15	49.20
100"	100-12/16"	4.98	41.60	101-5/16"	6.15	51.25
104"	104-11/16"	4.96	43.20	105-3/16"	6.15	53.00
108"	108-10/16"	4.95	44.80	109-3/16"	6.00	54.00
112"	112-9/16"	4.93	46.20	113-2/16"	6.00	56.00
116"	116-8/16"	4.91	47.60	117-1/16"	6.00	58.00

Connectors & Accessories

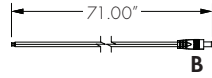


Linking and extension cable options

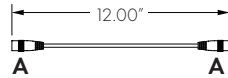
Male quick-connect  
Part # LMC



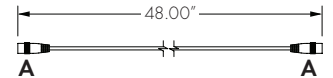
Male quick-connect long  
Part # LMC-70



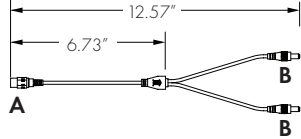
12" extension cable  
Part # EC-12



48" extension cable  
Part # EC-48



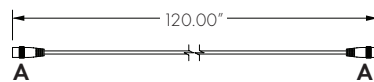
Y-splitter  
Part # LYC



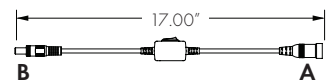
Female/male adaptor  
Part # FMA



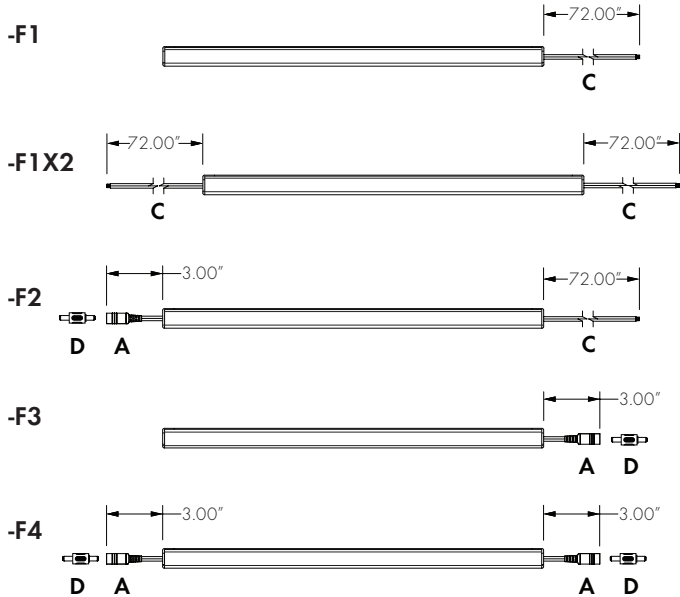
120" extension cable  
Part # EC-120



Inline DC switch  
Part # IS-DC

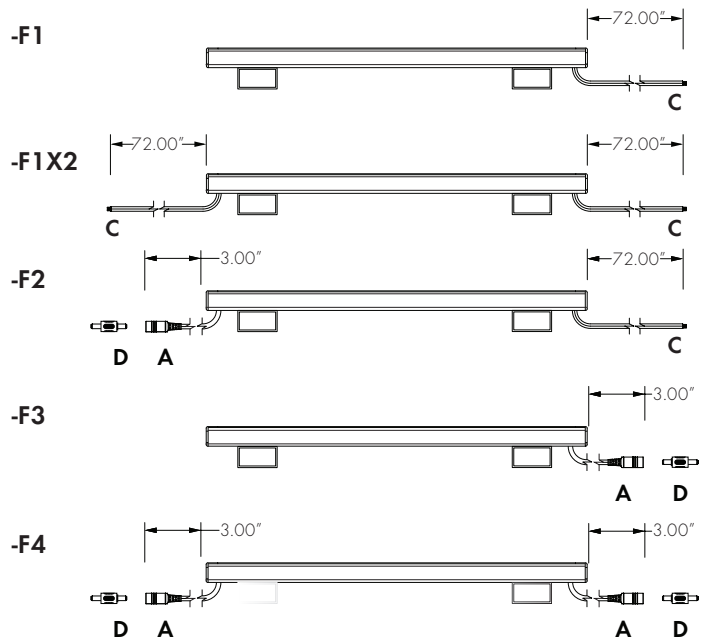


Powerfeed options



-F3, & F4 powerfeed options require #LMC to connect to PSD series of power supplies.

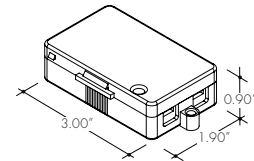
Powerfeed options with adjustable bracket



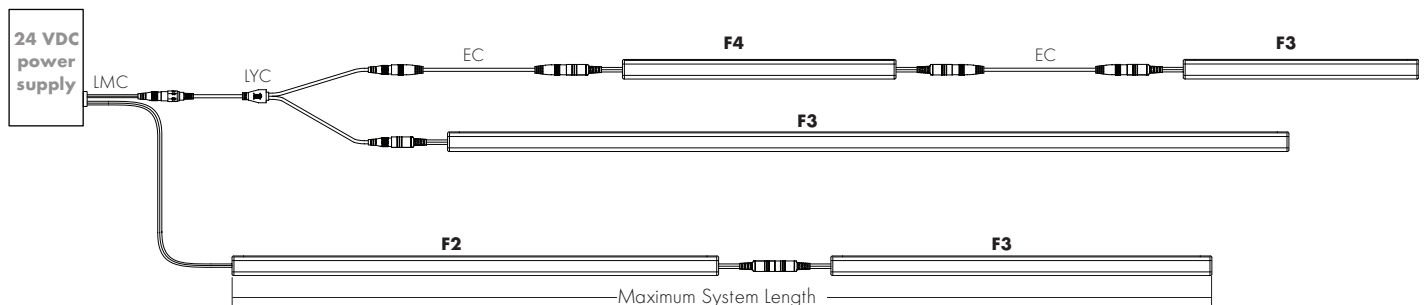
Accessories

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

Part # LVSP-4T-BK



Sample layout of powerfeed connections



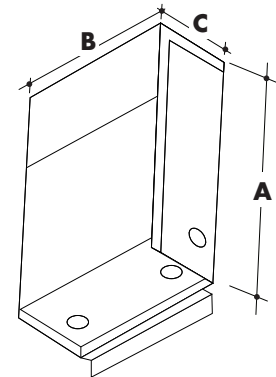
## Power supply

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

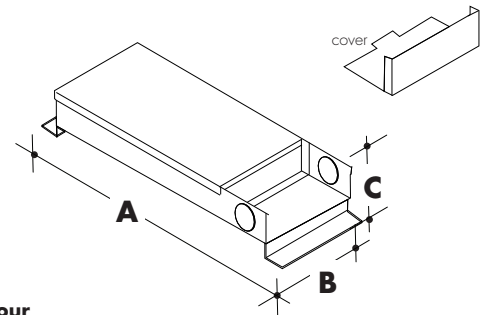
MODELS	PSD 48	PSD 96	PSD 288
<b>A Length</b>	11.25"	11.25"	13.06"
<b>B Width</b>	3.42"	3.42"	8.42"
<b>C Depth</b>	3.42"	3.27"	4.47"



### 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

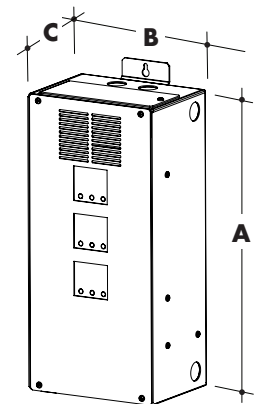
MODELS	Single circuit	Dual circuit	Three circuit	Four circuit
<b>A Length</b>	13.9"	13.8"	13.8"	13.8"
<b>B Width</b>	2.3"	4.0"	5.9"	7.75"
<b>C Depth</b>	1.3"	1.9"	1.9"	1.9"



### 0-10V Dimming Power Supplies:

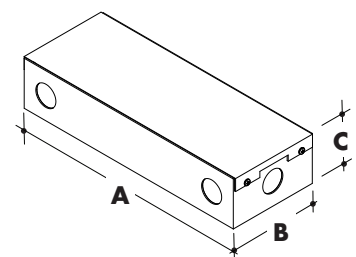
MODEL	POWER	OUTPUT	DIMMING
<b>PSO10V</b>	<b>3X96</b>	<b>24</b>	<b>LIN</b>
PSO10V - 0-10V Power Supply dims down to 0%	96 - 96 WATT 3X96 - 3 X 96 WATT	24 - 24 VDC	LIN - Linear LOG - Logarithmic

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

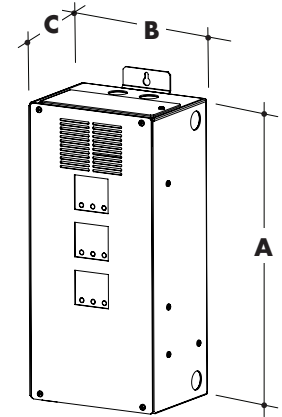
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

### 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"

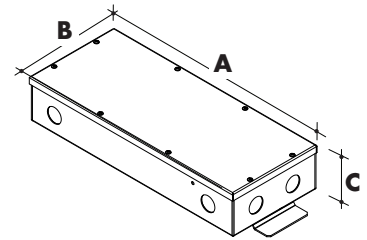


### DALI Dimming Power Supplies:

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"

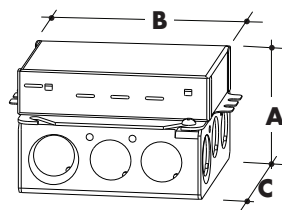


Luminii is a Lutron OEM Advantage Partner

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

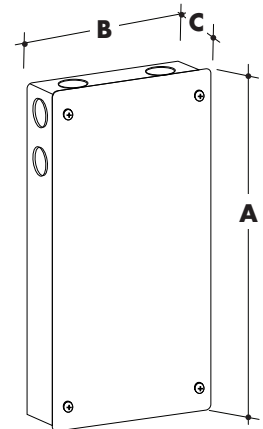
MODELS	LTEA	L3DA
<b>A Length</b>	4.89"	4.89"
<b>B Width</b>	2.66"	2.66"
<b>C Depth</b>	4.00"	4.00"

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	L3D0
<b>A Length</b>	10.50"
<b>B Width</b>	5.50"
<b>C Depth</b>	2.00"



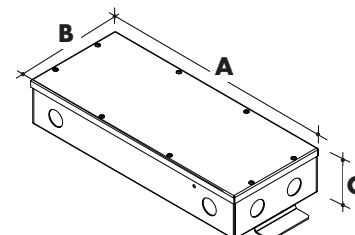
## Power supply

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

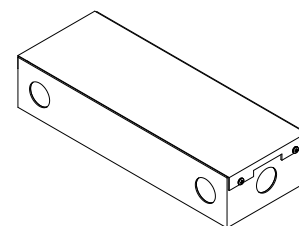
MODELS	96 W
A Length	14.40"
B Width	5.20"
C Depth	2.60"



### 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 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"

