

### 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 ground recessed, and ceiling recessed applications
- Approved for closet/storage space installation per NEC 410.16(A)(3) and 410.16(C)(5)
- 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

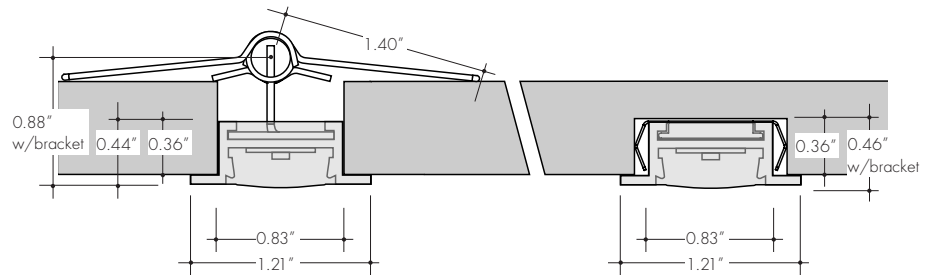


IC RATED



- Silver anodized
- Black powder coated
- Bronze powder coated
- White powder coated

### Profile dimensions



Kendo RL using the gypsum surface mounting bracket option, for surfaces such as drywall, plaster, etc.

Kendo RL using the hard surface mounting bracket option, for surfaces such as wood, stone, tile, etc.

### Technical information

#### OUTPUT OPTIONS

Output	Lumens at 3000K (with clear lens)	Average power consumption at 4'	Lumens / Watt (with clear lens)	Maximum system length In series
SO (LL36X2)	426 lm/ft	6.5 W/ft	66 lm/W	16'
HO (LL54X2)	632 lm/ft	10.4 W/ft	61 lm/W	10'

#### 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

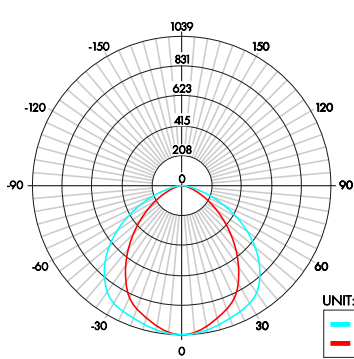
### Ordering code

MODEL	LENGTH	CCT	OUTPUT	LENS	MOUNTING	FINISH	POWER FEED POSITION / TYPE
KRL - Kendo RL	12 - 144" 4" increments	22K - 2200 K 24K - 2400 K 27K - 2700 K 29K - 2900 K 30K - 3000 K 35K - 3500 K 41K - 4100 K	SO - Standard *HO - High	C - Clear HF - Half-Frosted F - Frosted	HS - Hard surface mounting bracket GS - Gypsum surface mounting bracket NB - No bracket	SA - Silver BK - Black BZ - Bronze WH - White (BK,BZ,WH finishes will have an upcharge and require longer lead times)	B - Bottom 1 - 72" wire leads 1X2 - 72" wire leads at both ends 2 - 72" wire leads at one end and quick connect at other 3 - Single quick connect 4 - Dual quick connect

\*Not available over 120"

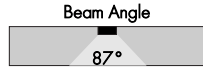
Photometry

KRL-48-30K-HO-C-XX

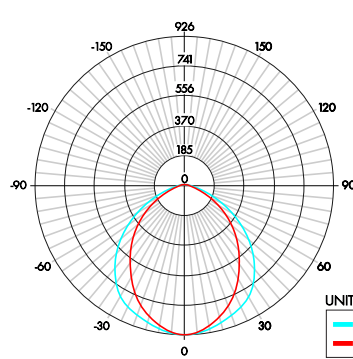


Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	818	32%
0-40	1325	52%
0-60	2186	87%
0-90	2505	99%
0-180	2527	100%
<b>Total</b>		

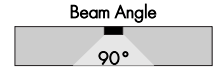


KRL-48-30K-HO-HF-XX

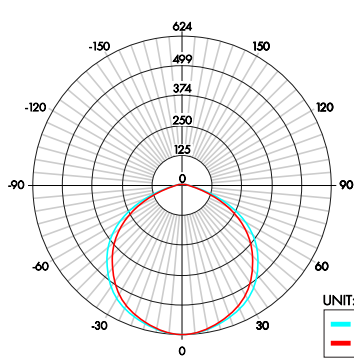


Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	700	31%
0-40	1124	50%
0-60	1870	83%
0-90	2245	99%
0-180	2265	100%
<b>Total</b>		

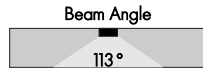


KRL-48-30K-HO-F-XX



Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	494	26%
0-40	819	43%
0-60	1468	77%
0-90	1876	99%
0-180	1898	100%
<b>Total</b>		



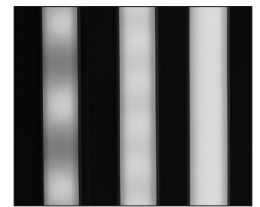
Light Transmission

Lens/Accessory	Transmission Percentage
clear lens	100%
half frosted lens	90%
frosted lens	75%

LED Dotting per extrusion

output	Lens		
	Clear	Half Frosted	Frosted
SO (LL36X2)	CD	CD	CD
HO (LL54X2)	CD	CD	SD

CD = Clear Dotting  
SD = Slight Dotting  
ND = No Dotting

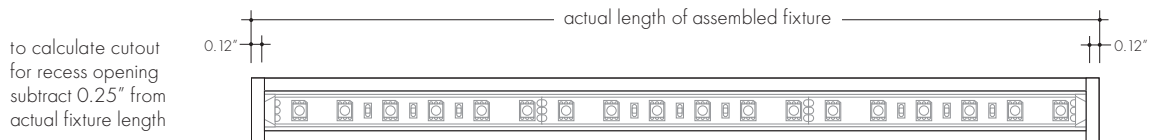


Clear Dotting    Slight Dotting    NO Dotting

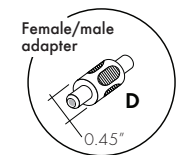
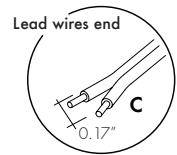
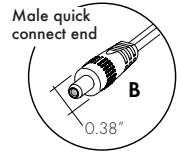
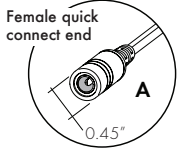
### Power consumption per fixture length

Based on operation with PSD series of power supplies.

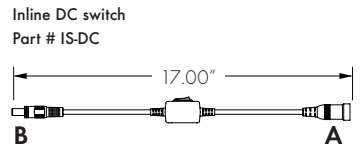
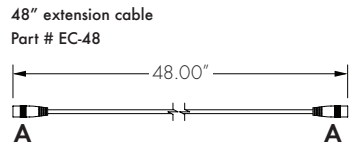
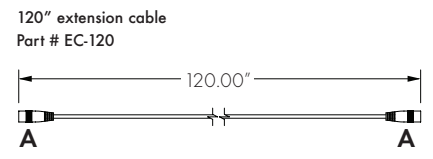
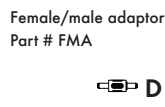
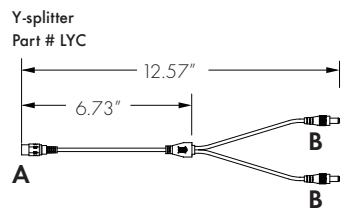
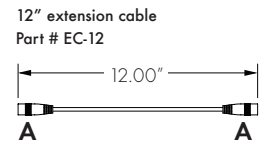
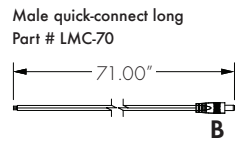
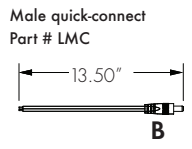
Nominal Length	SO			HO		
	Actual Length	W/ft	Total wattage	Actual Length	W/ft	Total wattage
12"	13-5/16"	6.80	6.8	11-12/16"	10.80	10.8
16"	17-4/16"	6.78	8.9	17-4/16"	10.73	13.8
20"	21 "	6.76	11.5	21-4/16"	10.67	16.8
24"	25 "	6.75	13.5	23-13/16"	10.60	19.8
28"	29-2/16"	6.72	15.8	27-13/16"	10.50	23.5
32"	33-1/16"	6.69	17.9	33-1/16"	10.40	27.2
36"	37 "	6.65	19.95	35-11/16"	10.30	30.9
40"	40-15/16"	6.62	22	39-11/16"	10.29	34.3
44"	44-14/16"	6.59	24	44-15/16"	10.28	37.7
48"	48-13/16"	6.55	26.2	48-13/16"	10.28	41.1
52"	52-12/16"	6.50	28	52-13/16"	10.27	44.6
56"	56-11/16"	6.45	30	56-12/16"	10.26	48.1
60"	60-11/16"	6.40	32	60-12/16"	10.25	51.6
64"	64-9/16"	6.37	34	64-10/16"	10.23	55.5
68"	68-8/16"	6.34	35.5	68-9/16"	10.22	59
72"	72-7/16"	6.30	37.8	72-8/16"	10.20	63.2
76"	76-6/16"	6.27	39.66	76-8/16"	10.17	66.2
80"	80-6/16"	6.24	41.5	80-6/16"	10.14	69.12
84"	84-5/16"	6.20	43.4	84-6/16"	10.10	72.1
88"	88-4/16"	6.17	45.2	88-5/16"	10.00	74.5
92"	92-3/16"	6.14	47	92-4/16"	9.96	76.9
96"	96-2/16"	6.10	48.8	96-4/16"	9.90	79.4
100"	101-1/16"	6.07	50.5	100-3/16"	9.87	82.3
104"	105 "	6.04	52.3	105-7/16"	9.83	85.2
108"	108-15/16"	6.00	54	107-13/16"	9.80	88.1
112"	112-14/16"	5.98	55.8	112 "	9.77	90.7
116"	116-12/16"	5.97	57.7	115-15/16"	9.73	93.3
120"	120-12/16"	5.95	59.5	120 "	9.70	96
124"	124-11/16"	5.92	61.1			
128"	128-10/16"	5.89	62.7			
132"	132-8/16"	5.85	64.35			
136"	136-8/16"	5.83	66			
140"	140-6/16"	5.81	67.9			
144"	144-5/16"	5.80	69.6			



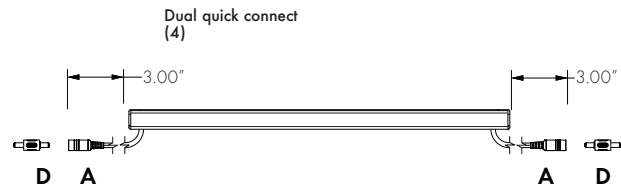
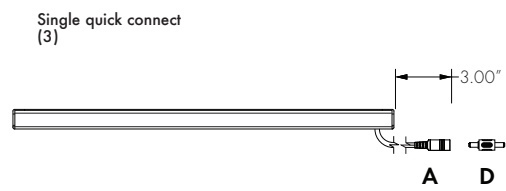
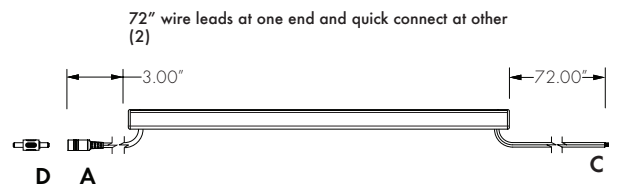
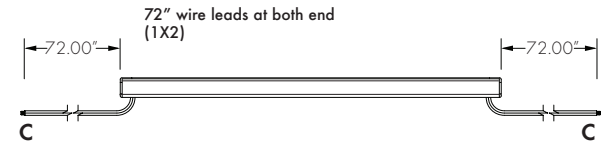
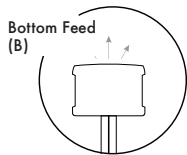
Connectors & Accessories



Linking and extension cable options



Powerfeed Position / Type

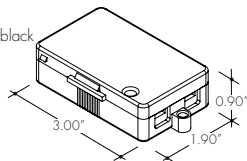


3, and 4 powerfeed options require #LMC to connect to PSD series of power supplies.

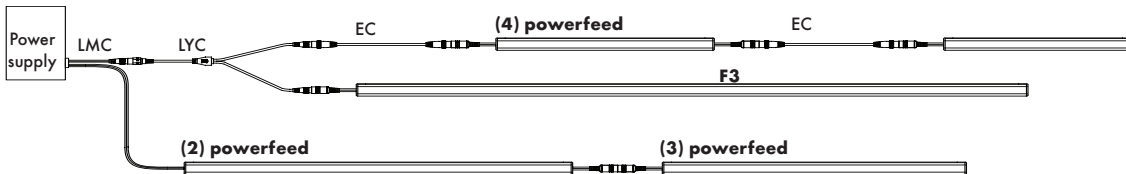
Accessory options

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

Part # LVSP-4T-BK



Sample layout



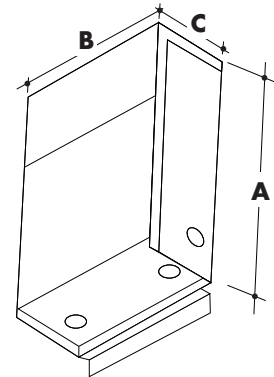
## Power supply

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

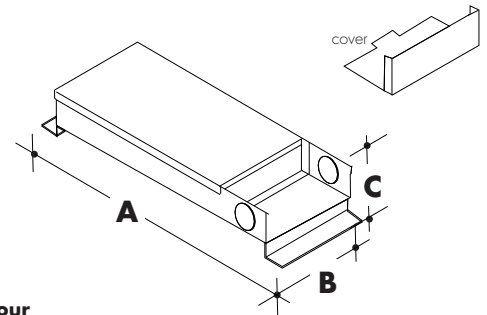
MODELS	PSD 48	PSD 96	PSD 288
<b>A Length</b>	11.25"	11.25"	13.06"
<b>B Width</b>	3.42"	3.42"	8.42"
<b>C Depth</b>	3.42"	3.27"	4.47"



### 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

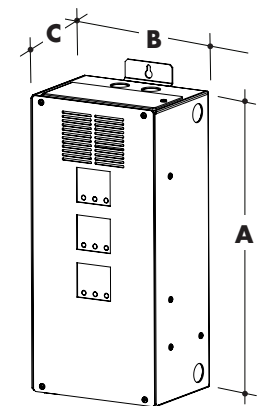
MODELS	Single circuit	Dual circuit	Three circuit	Four circuit
<b>A Length</b>	13.9"	13.8"	13.8"	13.8"
<b>B Width</b>	2.3"	4.0"	5.9"	7.75"
<b>C Depth</b>	1.3"	1.9"	1.9"	1.9"



### 0-10V Dimming Power Supplies:

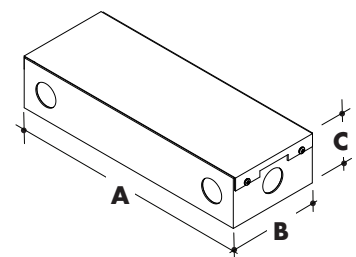
MODEL	POWER	OUTPUT	DIMMING
<b>PSO10V</b>	<b>3X96</b>	<b>24</b>	<b>LIN</b>
PSO10V - 0-10V Power Supply dims down to 0%	96 - 96 WATT 3X96 - 3 X 96 WATT	24 - 24 VDC	LIN - Linear LOG - Logarithmic

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.

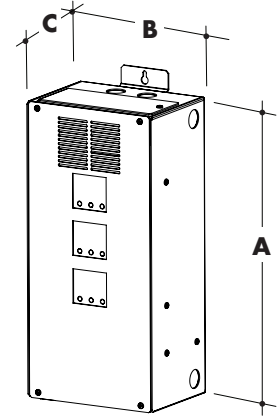
### DMX Dimming Power Supplies:

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"



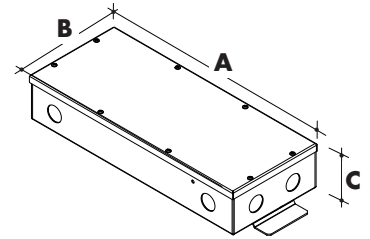
### DALI Dimming Power Supplies:

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"

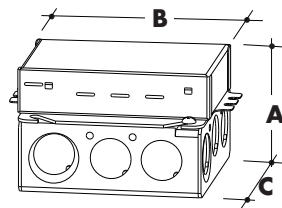


Luminii is a Lutron OEM Advantage Partner

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

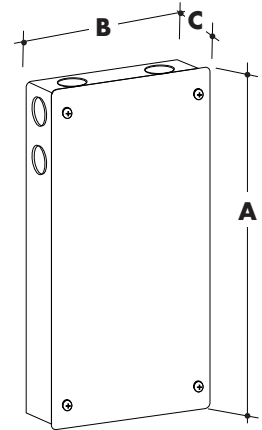
MODELS	LTEA	L3DA
<b>A Length</b>	4.89"	4.89"
<b>B Width</b>	2.66"	2.66"
<b>C Depth</b>	4.00"	4.00"

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™		

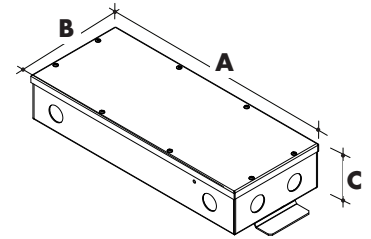
MODELS	L3DO
<b>A Length</b>	10.50"
<b>B Width</b>	5.50"
<b>C Depth</b>	2.00"



**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"

