



Features

- Efficacy up to 110 lm/w - a 57% increase over the standard KL model
- 24VDC Class 2 fixtures made to order up to 144". Fixtures can be linked up to 55' depending on output
- Suitable for undercabinet, millwork recessed and surface mount applications
- Approved for closet/storage space installation per NEC 410.16(A)(3) and 410.16(C)(5)
- 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



Silver anodized

IC RATED

Black powder coated

RoHS Compliant

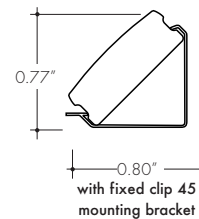
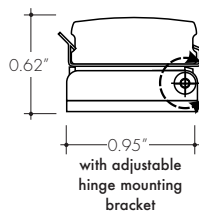
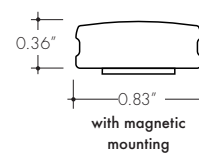
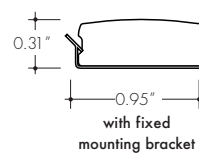
Bronze powder coated

SINGLE BIN +/-30 CCT

White powder coated



Profile dimensions



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
LO (LL48HE-LO)	212 lm/ft	2.0 W/ft	106 lm/W	55'
SO (LL48HE-SO)	301 lm/ft	2.8 W/ft	108 lm/W	38'
MO (LL48HE-MO)	403 lm/ft	3.7 W/ft	109 lm/W	27'
HO (LL48HE-HO)	647 lm/ft	5.9 W/ft	110 lm/W	17'

CCT INFO/LUMEN MULTIPLIER

Color temperature	Multiplier (referenced from 3000K)	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

TM-30-15

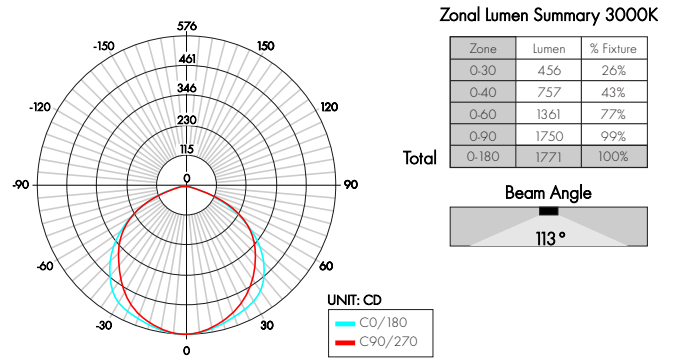
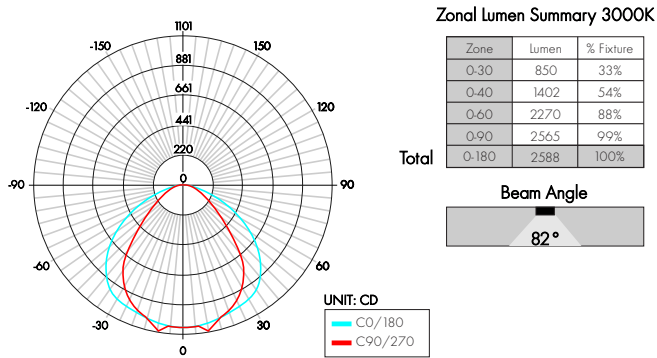
Ordering code

MODEL	LENGTH	CCT	OUTPUT	LENS	MOUNTING	FINISH	POWER FEED POSITION / TYPE	
KL - Kendo L	HE - High Efficacy	12 - 12" - 144" 4" increments	27K - 2700 K 30K - 3000 K 35K - 3500 K 40K - 4000 K	LO - Low SO - Standard MO - Medium HO - High	C - Clear F - Frosted HF - Half Frosted	FC - Fixed clip AH - Adjustable hinge mounting FC45 - Fixed clip 45 degree MAG - Magnetic	SA - Silver BK - Black BZ - Bronze WH - White (BK, BZ, WH finishes will have an upcharge and require longer lead times)	E - End 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	

Photometry

KL-HE-48-30K-HO-C-XX

KL-HE-48-30K-HO-F-XX



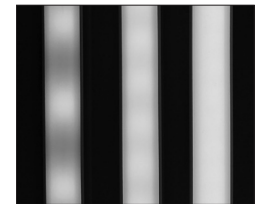
Light Transmission

Lens/Accessory	Percentage Light Transmission
clear lens	100%
half-frosted lens	76%
frosted lens	60%

LED Dotting per extrusion

output	Lens		
	Clear	Half - Frosted	Frosted
LO (LL48HE)	CD	CD	SD
SO (LL48HE)	CD	CD	SD
MO (LL48HE)	CD	CD	SD
HO (LL48HE)	CD	CD	SD

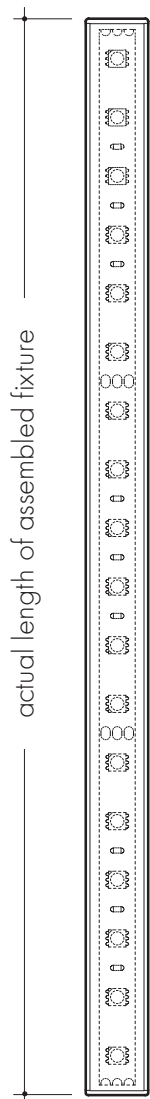
CD = Clear Dotting
 SD = Slight Dotting
 ND = No Dotting



Clear Dotting Slight Dotting NO Dotting

Power consumption per fixture length

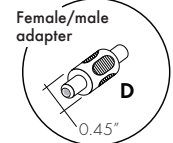
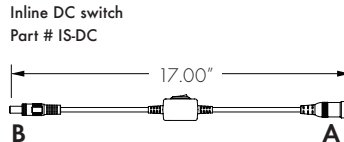
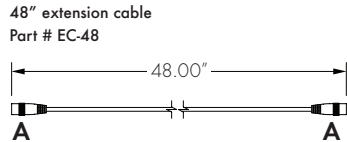
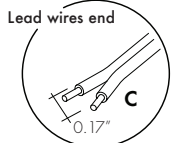
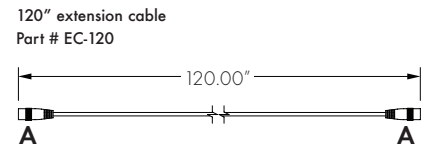
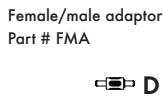
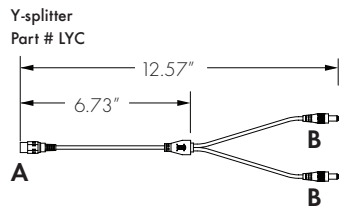
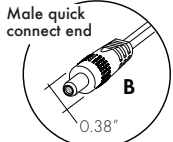
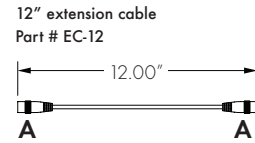
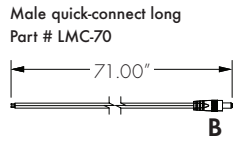
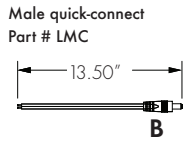
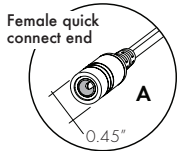
Based on operation with PSD series of power supplies.



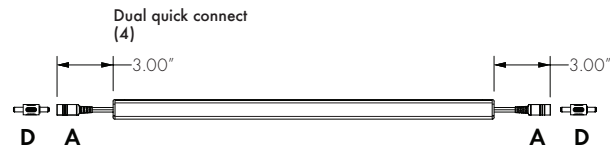
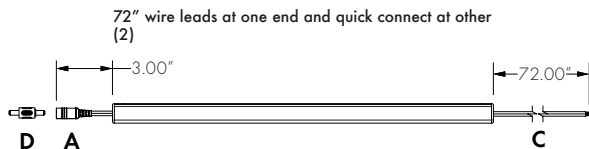
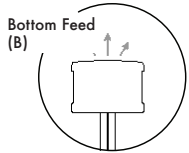
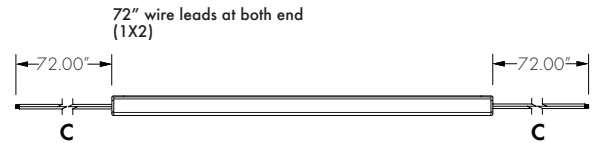
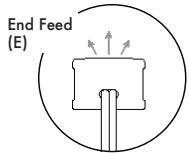
Length		LO		SO		MO		HO	
Nominal	Actual	W/ft	Total wattage	W/ft	Total wattage	W/ft	Total wattage	W/ft	Total wattage
12"	12-11/16"	2.00	2.00	2.79	2.79	3.70	3.70	5.90	5.90
16"	16-10/16"	2.00	2.67	2.79	3.72	3.70	4.90	5.90	7.88
20"	20-9/16"	2.00	3.33	2.79	4.65	3.70	6.10	5.90	9.86
24"	24-8/16"	2.00	4.00	2.79	5.58	3.70	7.40	5.90	11.84
28"	28-7/16"	2.00	4.67	2.79	6.51	3.70	8.63	5.91	13.81
32"	32-6/16"	2.00	5.34	2.79	7.44	3.70	9.83	5.91	15.78
36"	36-5/16"	2.00	6.00	2.79	8.37	3.70	11.10	5.91	17.75
40"	40-4/16"	2.00	6.66	2.79	9.30	3.70	12.33	5.92	19.74
44"	44-3/16"	2.00	7.33	2.79	10.23	3.70	13.56	5.92	21.73
48"	48-2/16"	2.00	8.00	2.79	11.16	3.70	14.80	5.92	23.72
52"	52-1/16"	2.00	8.67	2.79	12.09	3.70	16.03	5.92	25.70
56"	56 "	2.00	9.34	2.79	13.02	3.70	17.26	5.92	27.68
60"	59-15/16"	2.00	10.00	2.79	13.95	3.70	18.50	5.92	29.66
64"	65-13/16"	2.00	10.67	2.79	15.82	3.70	19.73	5.93	31.64
68"	69-12/16"	2.00	11.34	2.79	17.69	3.70	20.96	5.93	33.62
72"	73-11/16"	2.00	12.00	2.79	19.56	3.70	22.20	5.93	35.60
76"	77-10/16"	2.00	12.67	2.79	20.48	3.70	23.43	5.91	37.53
80"	81-10/16"	2.00	13.33	2.79	21.40	3.70	24.66	5.91	39.46
84"	85-8/16"	2.00	14.00	2.79	22.32	3.70	25.90	5.91	41.40
88"	89-7/16"	2.00	14.67	2.79	23.25	3.70	27.13	5.92	43.40
92"	93-6/16"	2.00	15.33	2.79	24.18	3.70	28.36	5.92	45.40
96"	97-5/16"	2.00	16.00	2.79	25.10	3.70	29.60	5.92	47.45
100"	101-5/16"	2.00	16.67	2.79	26.03	3.70	30.93	5.94	49.45
104"	105-3/16"	2.00	17.33	2.79	26.96	3.70	32.26	5.94	51.45
108"	109-2/16"	2.00	18.00	2.79	27.90	3.73	33.60	5.94	53.50
112"	113-1/16"	2.00	18.67	2.79	28.85	3.73	34.93	5.99	55.50
116"	117 "	2.00	19.33	2.79	29.80	3.73	36.26	5.99	57.10
120"	121 "	2.00	20.00	2.79	30.75	3.76	37.60	5.99	58.90
124"	124-14/16"	2.00	20.67	2.79	31.70	3.76	38.80	5.85	60.70
128"	128-13/16"	2.00	21.34	2.79	32.65	3.76	40.00	5.85	62.50
132"	132-12/16"	2.00	22.00	2.79	33.60	3.74	41.20	5.85	64.30
136"	136-12/16"	2.00	22.67	2.79	34.55	3.74	42.40	5.82	66.10
140"	140-11/16"	2.00	23.34	2.79	35.50	3.74	43.60	5.82	67.90
144"	144-9/16"	2.00	24.00	2.80	36.45	3.73	44.80	5.82	69.68

Connectors & Accessories

Linking and extension cable options



Powerfeed Position / Type

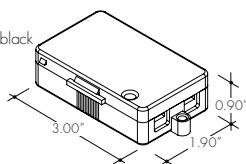


3, and 4 powerfeed options require #LMC to connect to PSD series of power supplies.

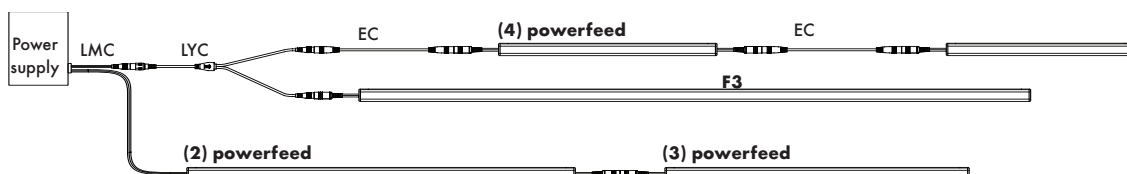
Accessory options

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

Part # LVSP-4T-BK



Sample layout



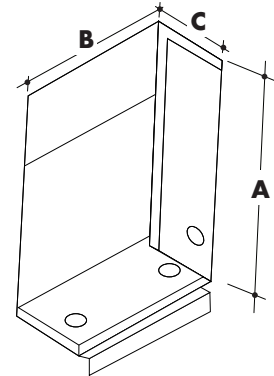
Power supply

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
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

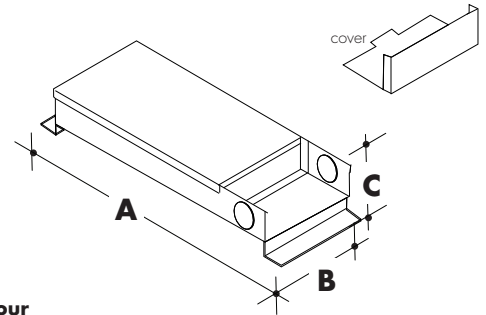
MODELS	PSD 48	PSD 96	PSD 288
A Length	11.25"	11.25"	13.06"
B Width	3.42"	3.42"	8.42"
C Depth	3.42"	3.27"	4.47"



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

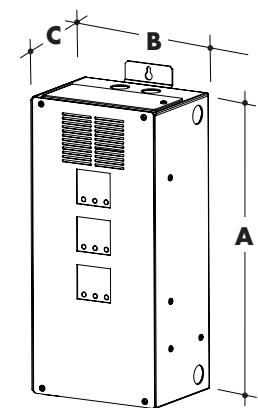
MODELS	Single circuit	Dual circuit	Three circuit	Four circuit
A Length	13.9"	13.8"	13.8"	13.8"
B Width	2.3"	4.0"	5.9"	7.75"
C Depth	1.3"	1.9"	1.9"	1.9"



0-10V Dimming Power Supplies:

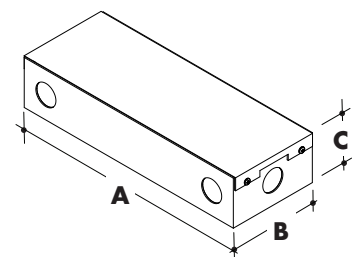
MODEL	POWER	OUTPUT	DIMMING
PS010V	3X96	24	LIN
PS010V - 0-10V Power Supply dims down to 0%	96 - 96 WATT 3X96 - 3 X 96 WATT	24 - 24 VDC	LIN - Linear LOG - Logarithmic

MODELS	96 W	3X96
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.

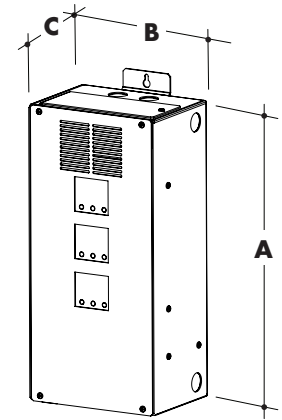
DMX Dimming Power Supplies:

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"



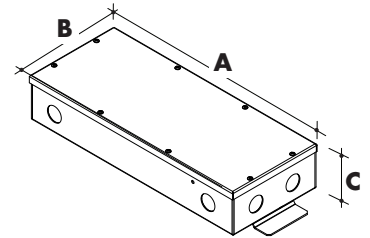
DALI Dimming Power Supplies:

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

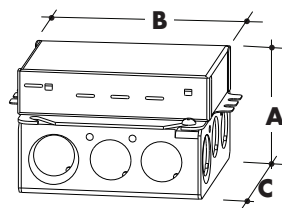
Lutron -Hi-lume™ 1% 2-wire
LED driver (120V forward phase only)

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

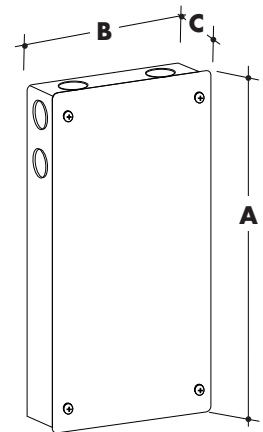


MODEL

L3DO-96W24V-U

Hi-lume™ 0.1% EcoSystem Voltage
LED Driver with Soft-On, Fade-to-Black™

MODELS	L3DO
A Length	10.50"
B Width	5.50"
C Depth	2.00"



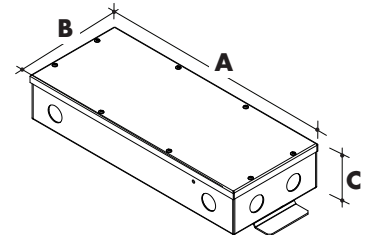
Power supply

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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

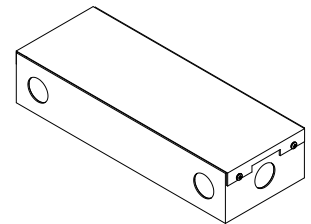
MODELS	96 W
A Length	14.40"
B Width	5.20"
C Depth	2.60"



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	Blank - 120 V 277 - 240/277 V
IG-CVE - In ground CVE Series dims down to 0.1%	96X2 - 2 x 96W	24 - 24 VDC	

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

