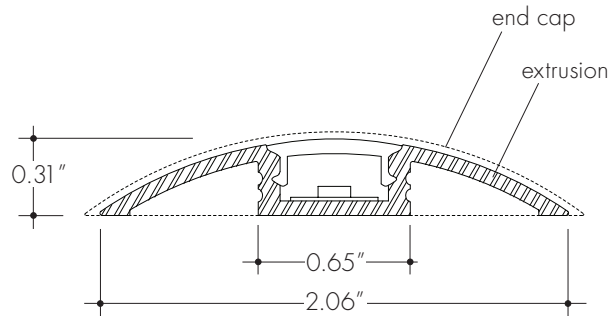


Extruded aluminum linear illumination system, Katana is available in sections up to 76" long. Specifically designed LED light engine provides constant illumination levels from the beginning to the end of the runs. The flat Katana profile can be used for general illumination, architectural reveals, under and above cabinet lighting, display cases and many other applications. Available with 72" lead wires or quick-connect end feed. Class 2 listed for damp location. Approved for closet/storage space installation per NEC 410.16(A)(3) and 410.16(C)(5). 5 year warranty.



IC RATED

RoHS Compliant



Finish options



Black powder coated



Bronze powder coated



Silver anodized

Technical information

Output type	Output Options	
	HO (LL54)	VHO (LL72)
Lumens at 3000K (Clear lens)	319 lm/ft	390 lm/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

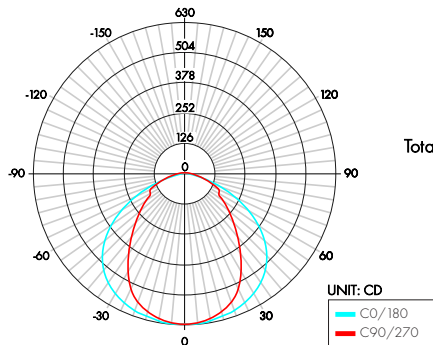
Color temperature	CCT/LUMEN MULTIPLIER	
	Multiplier <small>(Multiple Light Output of 3000K HO)</small>	CRI
2700 K	0.87	94
3000 K	1.00	94
3500 K	0.94	95
4100 K	0.95	96

Ordering code

MODEL	LENGTH	CCT	OUTPUT	LENS	MOUNTING	FINISH	POWER FEED
KAT	12	27K	HO	C	F	SA	F1
KAT - Katana	12" - 76" 4" increments	27K - 2700K 30K - 3000K 35K - 3500K 41K - 4100K	HO - High VHO - Very High	C - Clear HF - Half Frosted F - Frosted	F - Fixed mounting endcaps	SA - Silver BK - Black BZ - Bronze <small>(BK&BZ finishes will have an upcharge and require longer lead times)</small>	F1 - 72" Lead wires F1X2 - 72" wire lead at both ends F2 - 72" Lead wires at one end and quick connect at other F3 - Single quick connect F4 - Dual quick connect

Photometry

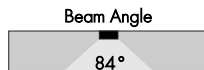
KAT-48-30K-VHO-CXX



Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	491	31%
0-40	793	51%
0-60	1288	83%
0-90	1538	99%
0-180	1561	100%

Total

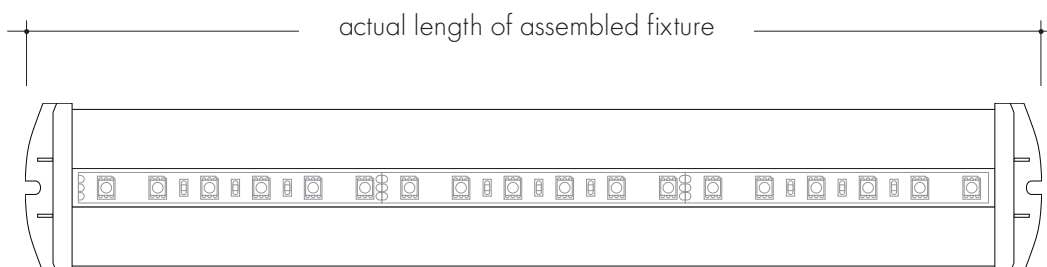


UNIT: CD
 — C0/180
 — C90/270

Power consumption per fixture length

Based on operation with PSD series of power supplies.

Nominal Length	Actual Length	HO		Actual Length	VHO	
		W/ft	Total wattage		W/ft	Total wattage
12"	13-13/16"	5.35	5.30	13-13/16"	6.75	6.75
16"	17-12/16"	5.33	7.06	17-11/16"	6.75	9.00
20"	21-12/16"	5.31	8.82	21-11/16"	6.75	11.25
24"	25-11/16"	5.30	10.60	25-10/16"	6.75	13.50
28"	29-9/16"	5.28	12.33	29-9/16"	6.75	16.75
32"	33-9/16"	5.26	14.06	33-8/16"	6.75	19.00
36"	37-8/16"	5.25	15.80	37-7/16"	6.65	19.95
40"	41-7/16"	5.23	17.40	42-6/16"	6.65	22.20
44"	45-6/16"	5.21	19.00	46-5/16"	6.65	24.40
48"	49-5/16"	5.20	20.60	50-4/16"	6.55	26.20
52"	54-9/16"	5.18	22.40	54-3/16"	6.55	28.50
56"	58-8/16"	5.16	24.20	58-2/16"	6.55	30.50
60"	62-7/16"	5.15	26.00	62-1/16"	6.45	32.25
64"	66-6/16"	5.13	27.60	66 "	6.45	34.40
68"	70-5/16"	5.11	29.20	69-15/16"	6.45	36.55
72"	74-4/16"	5.10	30.80	73-14/16"	6.40	38.40
76"	78-3/16"	5.08	32.40	77-13/16"	6.40	40.50



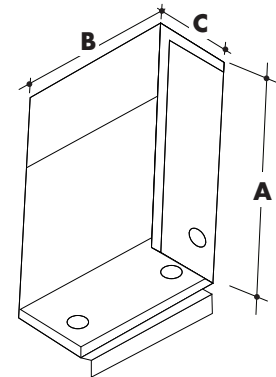
Power supply

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
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

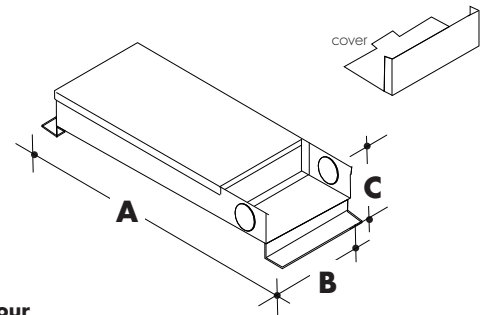
MODELS	PSD 48	PSD 96	PSD 288
A Length	11.25"	11.25"	13.06"
B Width	3.42"	3.42"	8.42"
C Depth	3.42"	3.27"	4.47"



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

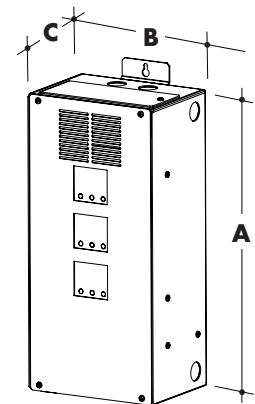
MODELS	Single circuit	Dual circuit	Three circuit	Four circuit
A Length	13.9"	13.8"	13.8"	13.8"
B Width	2.3"	4.0"	5.9"	7.75"
C Depth	1.3"	1.9"	1.9"	1.9"



0-10V Dimming Power Supplies:

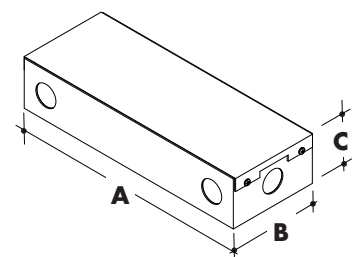
MODEL	POWER	OUTPUT	DIMMING
PSO10V	3X96	24	LIN
PSO10V - 0-10V Power Supply dims down to 0%	96 - 96 WATT 3X96 - 3 X 96 WATT	24 - 24 VDC	LIN - Linear LOG - Logarithmic

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.

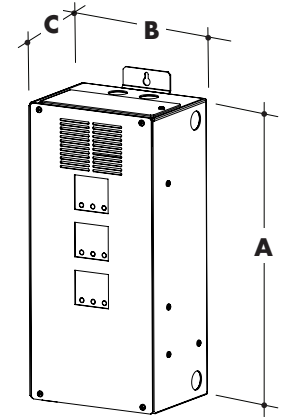
DMX Dimming Power Supplies:

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"



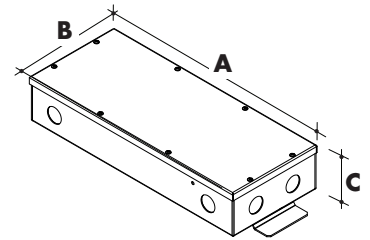
DALI Dimming Power Supplies:

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"



LUTRON®

Luminii is a Lutron OEM Advantage Partner

MODEL

LTEA4U1UKL-CV240

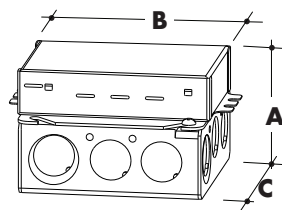
Lutron -Hi-lume™ 1% 2-wire LED driver (120V forward phase only)

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

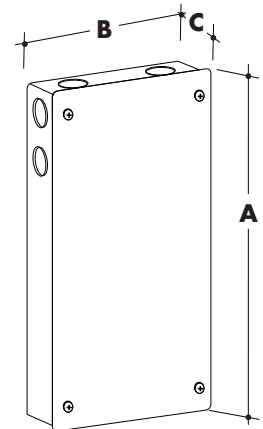


MODEL

L3D0-96W24V-U

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

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



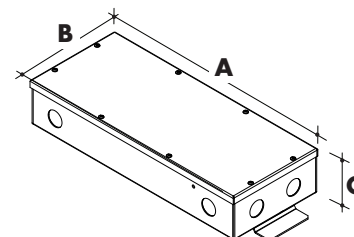
Power supply

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

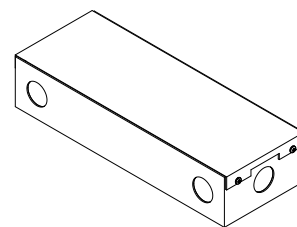
MODELS	96 W
A Length	14.40"
B Width	5.20"
C Depth	2.60"



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"

