



### Features

- 24VDC Class 2 for wet locations fixtures made to order up to 144". Fixtures can be linked up to 35' 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)
- Dot free even illumination achievable in HO & VHO with frosted lens
- Vibrant colors with R9 values up to 98
- Single micro binned LEDs +/- 30 CCT
- Dims with minimal color shift
- Class 2 listed for wet locations
- Proprietary strong bond solder method handles up to 50lbs of torque on wire leads and connectors
- 3 Year warranty



### Finish options

IP68



IC RATED

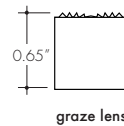
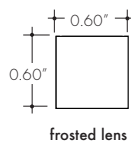
RoHS Compliant



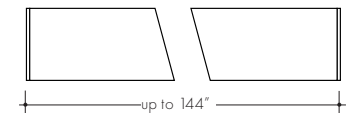
- Silver anodized
- Black powder coated
- Bronze powder coated
- White powder coated

### Profile dimensions

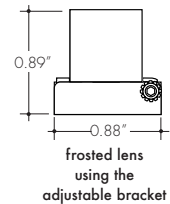
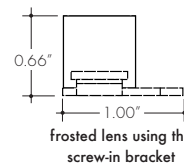
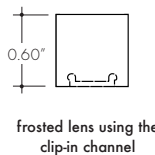
#### fixture/lens profile



#### fixture side



#### fixture/mounting profile



### Technical information

#### OUTPUT OPTIONS

Output	Lumens at 3000K (with frosted lens)	Average power consumption at 4'	Lumens / Watt	Maximum system length Achievable via feed through fixture wiring
SO (LL36)	125 lm/ft	3.2 W/ft	39 lm/W	35'
SOHD (LL72-LO)	116 lm/ft	4.0 W/ft	29 lm/W	24'
HO (LL54)	218 lm/ft	5.2 W/ft	42 lm/W	26'
VHO (LL72)	287 lm/ft	6.5 W/ft	44 lm/W	18'

#### CCT INFO/LUMEN MULTIPLIER

Color temperature	Multiplier (reference - 3000K)	CRI	R <sub>f</sub>	R <sub>g</sub>
2700K	0.81	97	95	101
3000K	1.00	91	89	98
3500K	1.05	94	90	102
4100K	1.28	94	86	96

#### TM-30-15

### Ordering code

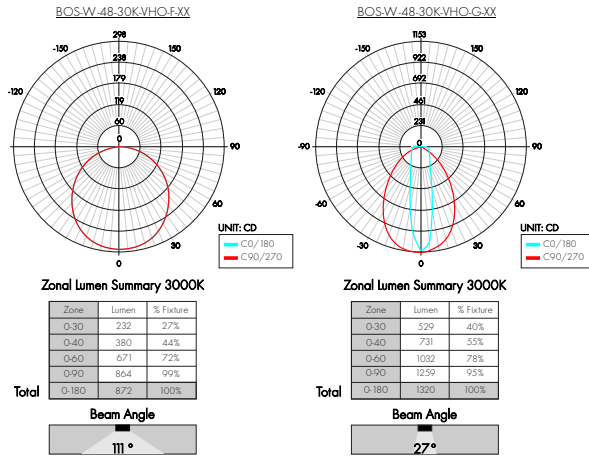
MODEL	LENGTH	CCT	OUTPUT	LENS	MOUNTING	FINISH	POWER FEED POSITION / TYPE
BOSW	12	27K	SO	F	C	SA	E
BOSW - Bosca Wet	12" - 144" 4" increments	27K - 2700 K 30K - 3000 K 35K - 3500 K 41K - 4100 K	SO - Standard SOHD - Standard High Density HO - High VHO - Very High	F - Frosted G - Graze	C - *Clip-in SC - Screw-in AH - Adjustable hinge mounting	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 S - Side 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 recommended for outdoors

## Power consumption per fixture length

Based on operation with PSD series of power supplies.

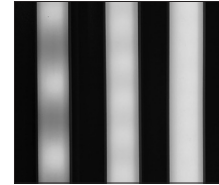
### Photometry



### LED Dotting per output/lens

Output type	Lens Type		
	Clear	Frost	Graze
SO (LL36)	CD	SD	CD
SOHD (LL72-LO)	CD	ND	CD
HO (LL54)	CD	ND	CD
VHO (LL72)	CD	ND	CD

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



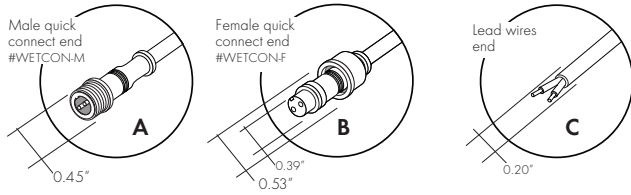
Clear Dotting    Slight Dotting    NO Dotting

## Power consumption per fixture length

Based on operation with PSD series of power supplies.

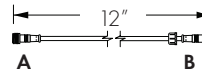
Nominal Length	Actual Length	SO		SOHD		HO		VHO				
		W/ft	Total wattage	Actual Length	W/ft	Total wattage	Actual Length	W/ft	Total wattage			
12"	12-13/16"	3.25	3.25	12-12/16"	4.20	4.20	12-12/16"	5.35	5.30	12-12/16"	6.75	6.75
16"	16-11/16"	3.25	4.00	16-10/16"	4.23	5.66	16-11/16"	5.33	7.06	16-10/16"	6.75	9.00
20"	20-11/16"	3.25	5.25	20-10/16"	4.27	7.12	20-11/16"	5.31	8.82	20-10/16"	6.75	11.25
24"	24-9/16"	3.25	6.50	24-9/16"	4.30	8.60	24-10/16"	5.30	10.60	24-9/16"	6.75	13.50
28"	28-8/16"	3.25	7.75	28-8/16"	4.20	9.77	28-8/16"	5.28	12.33	28-8/16"	6.75	16.75
32"	32-8/16"	3.25	8.50	32-7/16"	4.10	10.94	32-8/16"	5.26	14.06	32-7/16"	6.75	19.00
36"	36-6/16"	3.25	9.75	36-6/16"	4.00	12.10	36-7/16"	5.25	15.80	36-6/16"	6.65	19.95
40"	40-5/16"	3.25	10.25	41-5/16"	4.00	13.43	40-6/16"	5.23	17.40	41-5/16"	6.65	22.20
44"	44-5/16"	3.20	11.75	45-4/16"	4.00	14.76	44-5/16"	5.21	19.00	45-4/16"	6.65	24.40
48"	48-4/16"	3.20	12.80	49-3/16"	4.00	16.10	48-4/16"	5.20	20.60	49-3/16"	6.55	26.20
52"	52-3/16"	3.20	13.30	53-2/16"	3.97	17.27	53-8/16"	5.18	22.40	53-2/16"	6.55	28.50
56"	56-2/16"	3.20	14.80	57-1/16"	3.95	18.44	57-7/16"	5.16	24.20	57-1/16"	6.55	30.50
60"	60-1/16"	3.20	16.00	61 "	3.92	19.60	61-6/16"	5.15	26.00	61 "	6.45	32.25
64"	64 "	3.20	17.00	64-15/16"	3.89	20.73	65-5/16"	5.13	27.60	64-15/16"	6.45	34.40
68"	69-14/16"	3.15	18.00	68-14/16"	3.86	21.86	69-4/16"	5.11	29.20	68-14/16"	6.45	36.55
72"	73-13/16"	3.15	18.90	72-13/16"	3.83	23.00	73-3/16"	5.10	30.80	72-13/16"	6.40	38.40
76"	77-12/16"	3.15	19.00	76-12/16"	3.80	24.06	77-2/16"	5.08	32.40	76-12/16"	6.40	40.50
80"	81-12/16"	3.15	21.50	80-11/16"	3.83	25.12	81-2/16"	5.06	34.00	80-11/16"	6.40	43.00
84"	85-10/16"	3.15	22.05	84-10/16"	3.74	26.20	85-1/16"	5.05	35.70	84-10/16"	6.25	43.75
88"	89-9/16"	3.15	23.00	88-9/16"	3.73	27.33	88-15/16"	5.03	37.10	88-9/16"	6.25	46.00
92"	93-8/16"	3.10	24.00	92-8/16"	3.71	28.46	92-14/16"	5.01	38.50	92-8/16"	6.25	48.00
96"	97-7/16"	3.10	24.80	97-7/16"	3.70	29.60	96-14/16"	5.00	40.00	97-7/16"	6.15	49.20
100"	101-7/16"	3.10	26.30	101-6/16"	3.67	30.56	100-13/16"	4.98	41.60	101-6/16"	6.15	51.25
104"	105-5/16"	3.05	27.10	105-4/16"	3.64	31.53	104-12/16"	4.96	43.20	105-4/16"	6.15	53.00
108"	109-5/16"	3.05	28.00	109-4/16"	3.61	32.50	108-11/16"	4.95	44.80	109-4/16"	6.00	54.00
112"	113-4/16"	3.05	28.50	113-3/16"	3.59	33.46	112-10/16"	4.93	46.20	113-3/16"	6.00	56.00
116"	117-2/16"	3.05	30.00	117-2/16"	3.56	34.43	116-9/16"	4.91	47.60	117-2/16"	6.00	58.00
120"	121-2/16"	3.00	30.50	121-1/16"	3.54	35.40	120-9/16"	4.90	48.90	121-1/16"	5.90	59.00
124"	125-1/16"	3.00	31.50	125 "	3.52	36.36	124-8/16"	4.88	50.40	125 "	5.90	60.60
128"	128-15/16"	3.00	32.50	128-15/16"	3.50	37.33	128-7/16"	4.86	51.90	128-15/16"	5.90	62.20
132"	132-15/16"	2.95	33.50	132-14/16"	3.48	38.30	132-6/16"	4.85	53.30	132-14/16"	5.80	63.80
136"	136-14/16"	2.95	34.30	136-13/16"	3.46	39.20	136-5/16"	4.83	54.70	136-13/16"	5.80	65.30
140"	140-13/16"	2.95	35.20	140-12/16"	3.44	40.10	140-4/16"	4.81	56.10	140-12/16"	5.80	66.80
144"	144-12/16"	2.90	36.00	144-11/16"	3.42	41.00	145-8/16"	4.80	57.40	144-11/16"	5.70	68.40

### Connectors

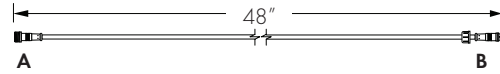


### Linking and Extension Cable

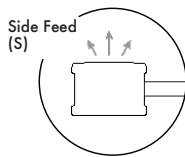
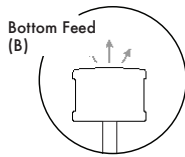
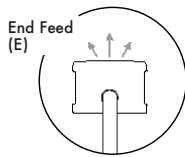
Male/female Joiner 12" - Part # IP67-12



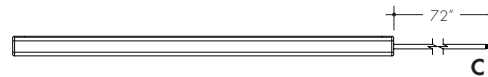
Male/female Joiner 48" - Part # IP67-48



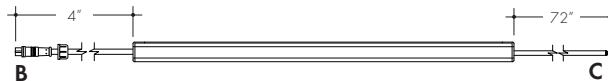
### Powerfeed options with fixed bracket



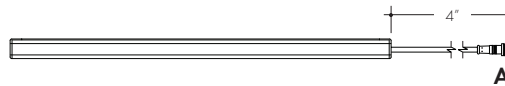
72" wire leads (1)



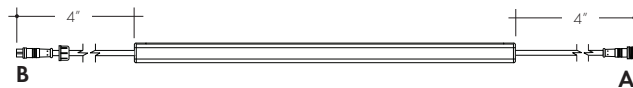
72" wire leads at one end and quick connect at other (2)



Single quick connect (3)



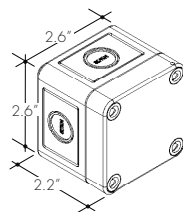
Dual quick connect (4)



### Accessories

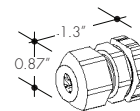
Splice Box:  
Wet rated, low voltage splice box, gray

Part # LVSP-WET

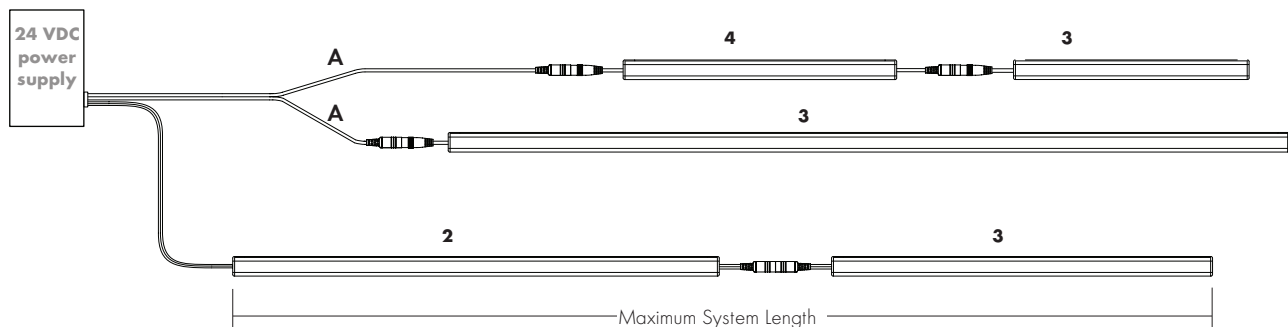


Connector:  
Low voltage splice box wet cable management gray

Part # LVSP-WET-CM



### Sample layout of powerfeed connections



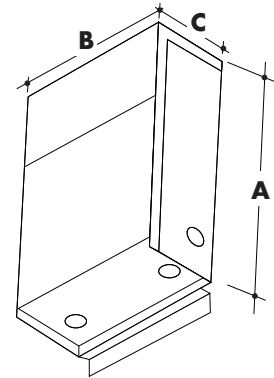
## Power supply

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

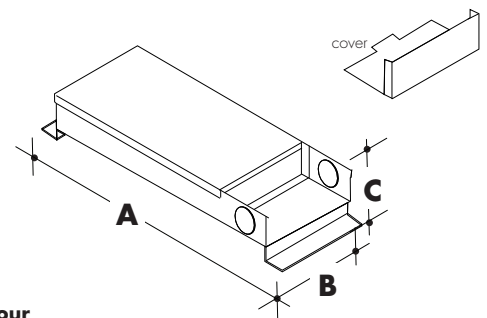
MODELS	PSD 48	PSD 96	PSD 288
<b>A Length</b>	11.25"	11.25"	13.06"
<b>B Width</b>	3.42"	3.42"	8.42"
<b>C Depth</b>	3.42"	3.27"	4.47"



### 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

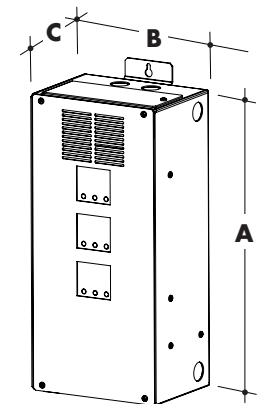
MODELS	Single circuit	Dual circuit	Three circuit	Four circuit
<b>A Length</b>	13.9"	13.8"	13.8"	13.8"
<b>B Width</b>	2.3"	4.0"	5.9"	7.75"
<b>C Depth</b>	1.3"	1.9"	1.9"	1.9"



### 0-10V Dimming Power Supplies:

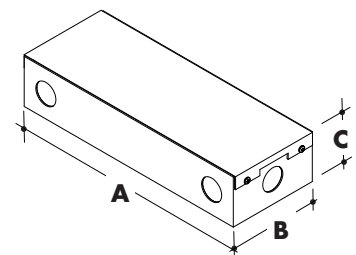
MODEL	POWER	OUTPUT	DIMMING
<b>PSO10V</b>	<b>3X96</b>	<b>24</b>	<b>LIN</b>
PSO10V - 0-10V Power Supply dims down to 0%	96 - 96 WATT 3X96 - 3 X 96 WATT	24 - 24 VDC	LIN - linear LOG - Logarithmic

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

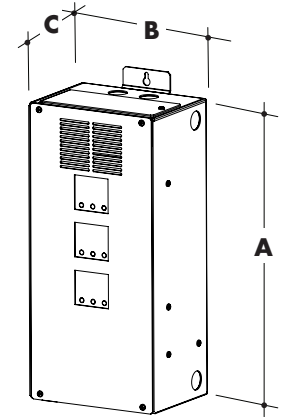
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

### 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"

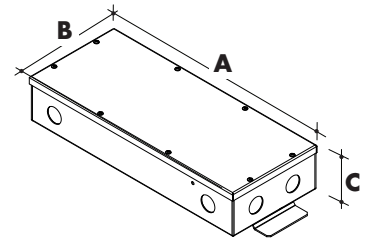


### DALI Dimming Power Supplies:

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"

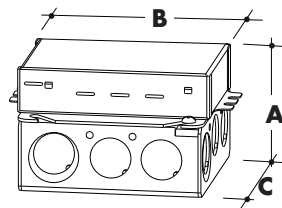


Luminii is a Lutron OEM Advantage Partner

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

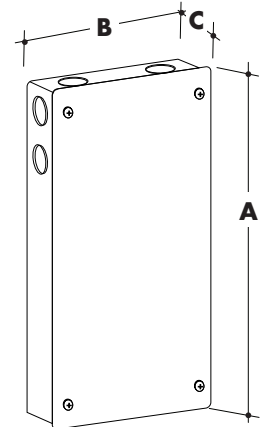
MODELS	LTEA	L3DA
<b>A Length</b>	4.89"	4.89"
<b>B Width</b>	2.66"	2.66"
<b>C Depth</b>	4.00"	4.00"

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"



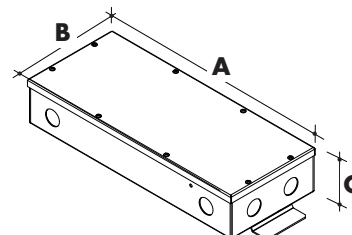
## Power supply

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

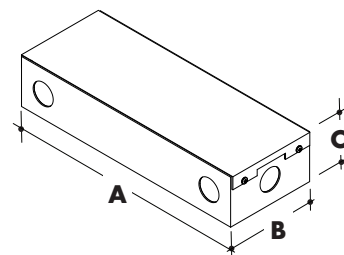
MODELS	96 W
A Length	14.40"
B Width	5.20"
C Depth	2.60"



### 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"

