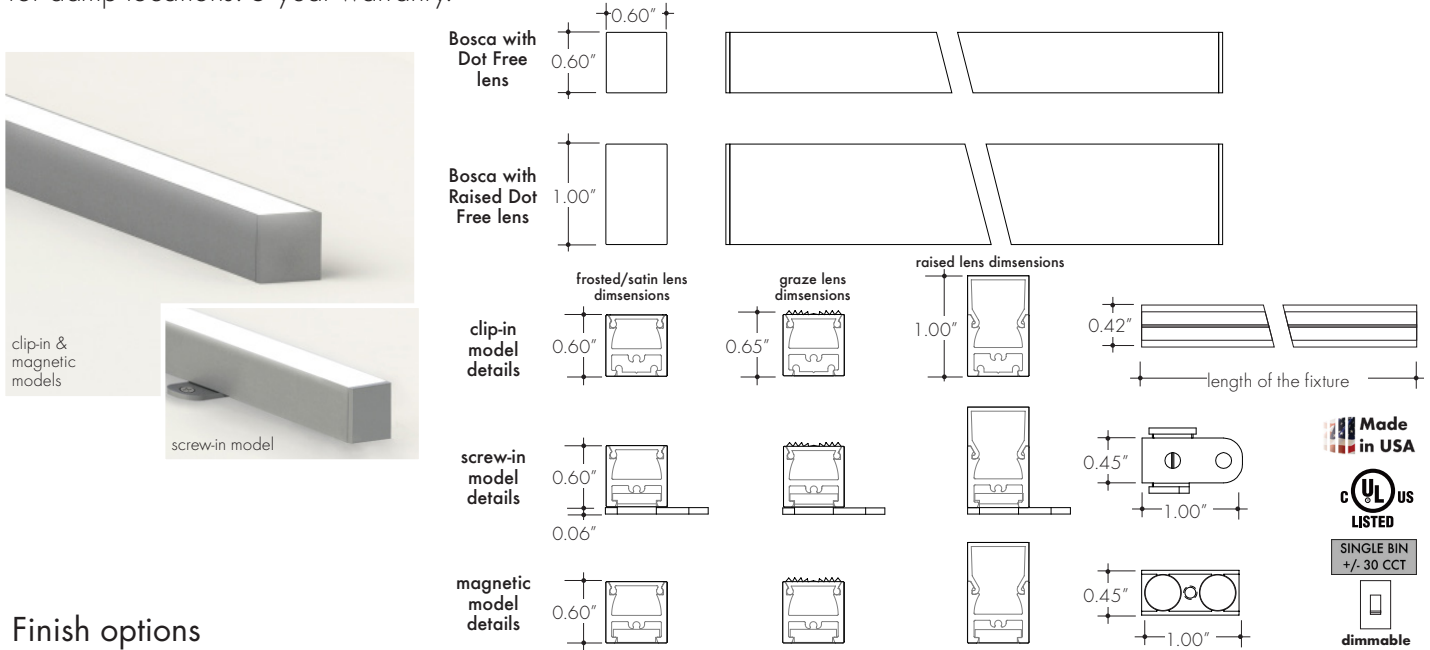


Extruded aluminum linear illumination system, Bosca is available in sections up to 144". Specifically designed LED engine provides constant illumination levels from the beginning to the end of the runs. Bosca is suitable for cove lighting, architectural accents, under or above cabinets, display cases and many other applications. Class 2 listed for damp locations. 5 year warranty.



Finish options



Technical information

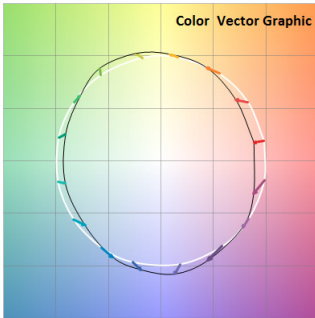
Output	Output Options			Operating Voltage	CCT INFO/LUMEN MULTIPLIER			TM-30-15		
	Lumens at 3000K (with satin ice lens, SOHD with frosted lens)	Average power consumption at 4'	Maximum system length Achievable via feed through fixture wiring		Color temperature	Multiplier (referenced from 3000K)	CRI	R _f	R _g	
SO (LL36)	162 lm/ft	3.2 W/ft	35'	24VDC	2200K	0.87	82	81	99	
SOHD (LL72-LO)	148 lm/ft	4.0 W/ft	24'	24VDC	2400K	0.73	98	95	101	
HO (LL54)	250 lm/ft	5.2 W/ft	26'	24VDC	2700K	0.81	98	95	102	
VHO (LL72)	355 lm/ft	6.5 W/ft	18'	24VDC	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
BOS - Bosca	12" - 144" 4" increments	22K - 2200K 24K - 2400K 27K - 2700K 29K - 2900K 30K - 3000K 35K - 3500K 41K - 4100K	SO - Standard SOHD - Standard High Density HO - High VHO - Very High	F - Frosted SI - Satin Ice G - Graze R - Raised	C - Clip-in S - Screw-in M - Magnetic	SA - Silver BK - Black BZ - Bronze WH - White <small>(BK,BZ,WH finishes will have an upcharge and require longer lead times)</small>	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 FB1 - Backfeed 72" wire leads FB1X2 - Backfeed 72" wire leads at both ends FB2 - Backfeed 72" wire leads at one end and quick connect at other FB3 - Backfeed single quick connect FB4 - Backfeed dual quick connect

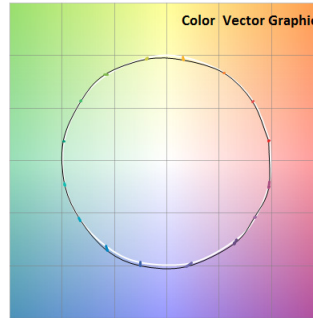
TM-30-15: Data

22K CCT



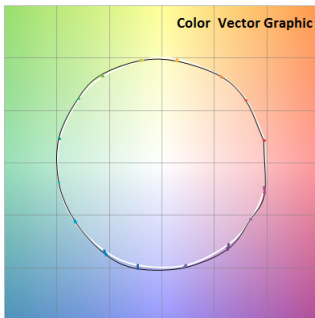
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	79	-10%	0%
2	79	-8%	8%
3	70	-2%	14%
4	85	2%	8%
5	90	5%	5%
6	90	6%	-3%
7	84	-2%	-8%
8	89	-6%	-4%
9	85	-6%	3%
10	78	-6%	11%
11	77	2%	14%
12	79	6%	9%
13	88	8%	-7%
14	67	4%	-20%
15	84	0%	-10%
16	75	-7%	-14%

24K CCT



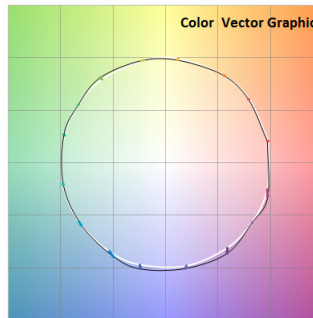
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	97	-1%	0%
2	97	-1%	0%
3	97	0%	1%
4	95	-3%	-1%
5	96	-1%	2%
6	96	1%	3%
7	97	0%	1%
8	98	1%	0%
9	97	0%	2%
10	95	0%	3%
11	93	3%	4%
12	93	3%	1%
13	93	3%	-6%
14	92	2%	-4%
15	95	-1%	-1%
16	91	0%	-6%

27K CCT



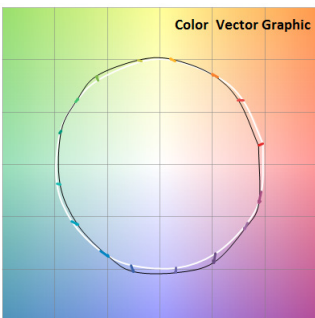
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	97	-1%	0%
2	98	0%	0%
3	96	0%	1%
4	96	-2%	0%
5	96	0%	2%
6	95	2%	2%
7	96	1%	0%
8	98	1%	-1%
9	98	0%	1%
10	95	0%	3%
11	92	2%	5%
12	93	3%	1%
13	95	2%	-3%
14	93	3%	-3%
15	96	0%	-1%
16	91	1%	-6%

29K CCT



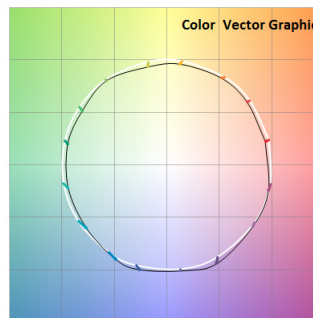
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	79	-10%	0%
2	79	-8%	8%
3	70	-2%	14%
4	85	2%	8%
5	90	5%	5%
6	90	6%	-3%
7	84	-2%	-8%
8	89	-6%	-4%
9	85	-6%	3%
10	78	-6%	11%
11	77	2%	14%
12	79	6%	9%
13	88	8%	-7%
14	67	4%	-20%
15	84	0%	-10%
16	75	-7%	-14%

30K CCT



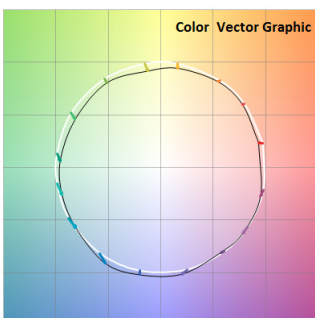
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	90	-4%	-1%
2	91	-4%	3%
3	86	-1%	7%
4	91	1%	5%
5	92	2%	3%
6	93	4%	-1%
7	92	0%	-4%
8	95	-1%	-2%
9	94	-3%	1%
10	87	-3%	6%
11	84	0%	10%
12	88	6%	4%
13	92	4%	-1%
14	88	6%	-6%
15	89	1%	-7%
16	85	0%	-11%

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



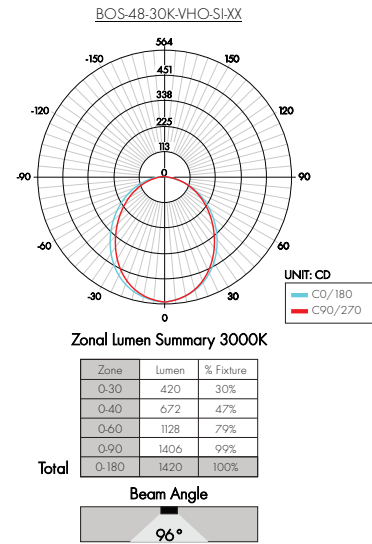
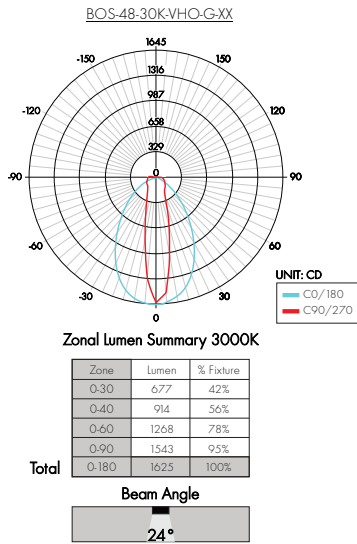
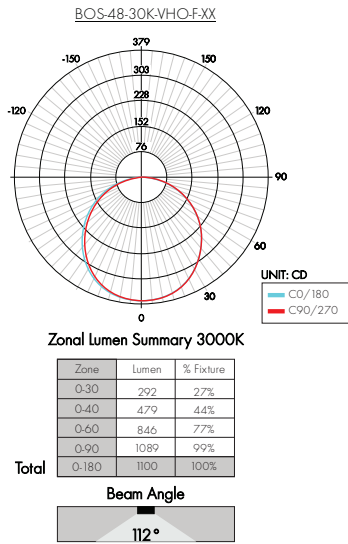
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	88	-4%	1%
2	93	-2%	1%
3	93	-2%	1%
4	89	-4%	-2%
5	88	-7%	-1%
6	93	-4%	0%
7	88	-7%	3%
8	87	-4%	6%
9	82	-3%	12%
10	79	0%	12%
11	83	5%	9%
12	91	4%	0%
13	89	3%	-6%
14	92	-1%	-3%
15	84	0%	-7%
16	84	-1%	-6%

LED Dotting per output/lens

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

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

Photometry

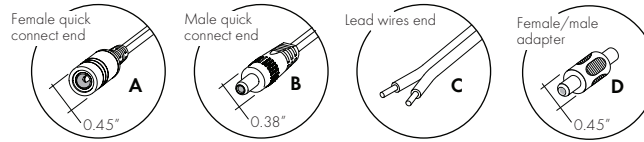


Power consumption per fixture length

Based on operation with PSD series of power supplies.

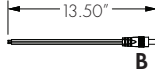
Nominal Length	Actual Length	SO		Actual Length	SOHD		Actual Length	HO		Actual Length	VHO	
		W/ft	Total wattage		W/ft	Total wattage		W/ft	Total wattage		W/ft	Total wattage
12"	12-12/16"	3.25	3.25	12-10/16"	4.20	4.20	12-10/16"	5.35	5.30	12-10/16"	6.75	6.75
16"	16-8/16"	3.25	4.00	16-5/16"	4.23	5.66	16-9/16"	5.33	7.06	16-5/16"	6.75	9.00
20"	20-8/16"	3.25	5.25	20-4/16"	4.27	7.12	20-9/16"	5.31	8.82	20-4/16"	6.75	11.25
24"	24-7/16"	3.25	6.50	24-5/16"	4.30	8.60	24-7/16"	5.30	10.60	24-5/16"	6.75	13.50
28"	28-6/16"	3.25	7.75	28-6/16"	4.20	9.77	28-6/16"	5.28	12.33	28-6/16"	6.75	16.75
32"	32-5/16"	3.25	8.50	32-5/16"	4.10	10.94	32-5/16"	5.26	14.06	32-5/16"	6.75	19.00
36"	36-4/16"	3.25	9.75	36-4/16"	4.00	12.10	36-4/16"	5.25	15.80	36-4/16"	6.65	19.95
40"	40-3/16"	3.25	10.25	40-3/16"	4.00	13.43	40-3/16"	5.23	17.40	40-3/16"	6.65	22.20
44"	44-1/16"	3.20	11.75	44-3/16"	4.00	14.76	44-2/16"	5.21	19.00	44-3/16"	6.65	24.40
48"	48-1/16"	3.20	12.80	48-1/16"	4.00	16.10	48-2/16"	5.20	20.60	48-1/16"	6.55	26.20
52"	52"	3.20	13.30	52-1/16"	3.97	17.27	52"	5.18	22.40	52-1/16"	6.55	28.50
56"	55-15/16"	3.20	14.80	55-15/16"	3.95	18.44	55-15/16"	5.16	24.20	55-15/16"	6.55	30.50
60"	59-14/16"	3.20	16.00	59-14/16"	3.92	19.60	59-14/16"	5.15	26.00	59-14/16"	6.45	32.25
64"	63-13/16"	3.20	17.00	63-13/16"	3.89	20.73	63-13/16"	5.13	27.60	63-13/16"	6.45	34.40
68"	67-12/16"	3.15	18.00	68-13/16"	3.86	21.86	67-12/16"	5.11	29.20	68-13/16"	6.45	36.55
72"	71-11/16"	3.15	18.90	72-5/16"	3.83	23.00	71-11/16"	5.10	30.80	72-5/16"	6.40	38.40
76"	75-10/16"	3.15	19.00	76-6/16"	3.80	24.06	75-10/16"	5.08	32.40	76-6/16"	6.40	40.50
80"	79-9/16"	3.15	21.50	80-5/16"	3.83	25.12	79-9/16"	5.06	34.00	80-5/16"	6.40	43.00
84"	83-8/16"	3.15	22.05	84-5/16"	3.74	26.20	83-9/16"	5.05	35.70	84-5/16"	6.25	43.75
88"	87-7/16"	3.15	23.00	88-7/16"	3.73	27.33	87-6/16"	5.03	37.10	88-7/16"	6.25	46.00
92"	91-6/16"	3.10	24.00	92-6/16"	3.71	28.46	91-6/16"	5.01	38.50	92-6/16"	6.25	48.00
96"	95-6/16"	3.10	24.80	96-5/16"	3.70	29.60	96-10/16"	5.00	40.00	96-5/16"	6.15	49.20
100"	99-4/16"	3.10	26.30	100-4/16"	3.67	30.56	100-9/16"	4.98	41.60	100-4/16"	6.15	51.25
104"	103-2/16"	3.05	27.10	104-4/16"	3.64	31.53	104-5/16"	4.96	43.20	104-4/16"	6.15	53.00
108"	107-2/16"	3.05	28.00	108-1/16"	3.61	32.50	108-7/16"	4.95	44.80	108-1/16"	6.00	54.00
112"	111-1/16"	3.05	28.50	112-1/16"	3.59	33.46	112-6/16"	4.93	46.20	112-1/16"	6.00	56.00
116"	115"	3.05	30.00	116-1/16"	3.56	34.43	116-5/16"	4.91	47.60	116-1/16"	6.00	58.00
120"	118-15/16"	3.00	30.50	119-14/16"	3.54	35.40	120-5/16"	4.90	48.90	119-14/16"	5.90	59.00
124"	122-14/16"	3.00	31.50	123-13/16"	3.52	36.36	124-3/16"	4.88	50.40	123-13/16"	5.90	60.60
128"	126-13/16"	3.00	32.50	128-1/16"	3.50	37.33	128-3/16"	4.86	51.90	128-1/16"	5.90	62.20
132"	131-12/16"	2.95	33.50	132-11/16"	3.48	38.30	132-2/16"	4.85	53.30	132-11/16"	5.80	63.80
136"	135-11/16"	2.95	34.30	137-10/16"	3.46	39.20	136-2/16"	4.83	54.70	137-10/16"	5.80	65.30
140"	139-10/16"	2.95	35.20	141-9/16"	3.44	40.10	140"	4.81	56.10	141-9/16"	5.80	66.80
144"	143-10/16"	2.90	36.00	143-9/16"	3.42	41.00	143-13/16"	4.80	57.40	143-9/16"	5.70	68.40

Connectors & Accessories

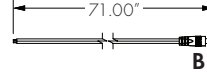


Linking and extension cable options

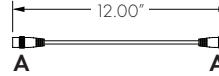
Male quick-connect
Part # LMC



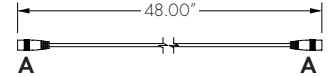
Male quick-connect long
Part # LMC-70



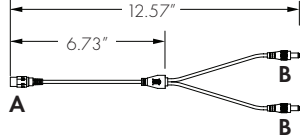
12" extension cable
Part # EC-12



48" extension cable
Part # EC-48



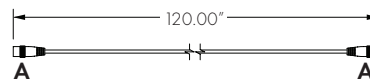
Y-splitter
Part # LYC



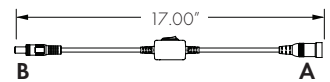
Female/male adaptor
Part # FMA



120" extension cable
Part # EC-120

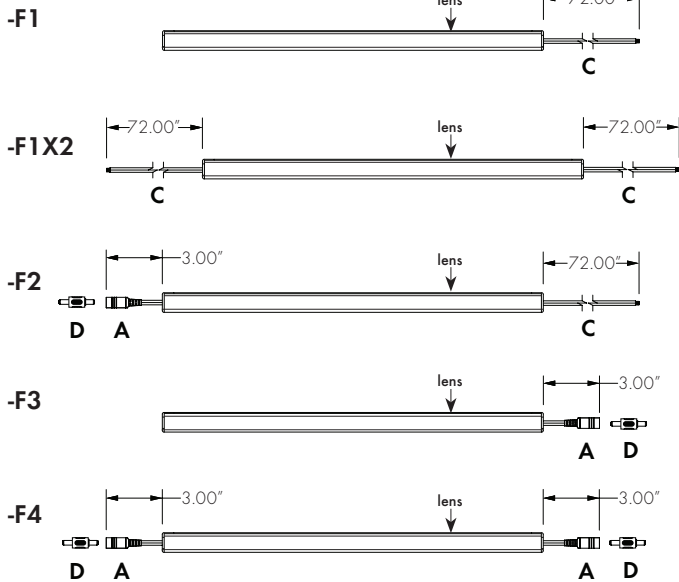


Inline DC switch
Part # IS-DC



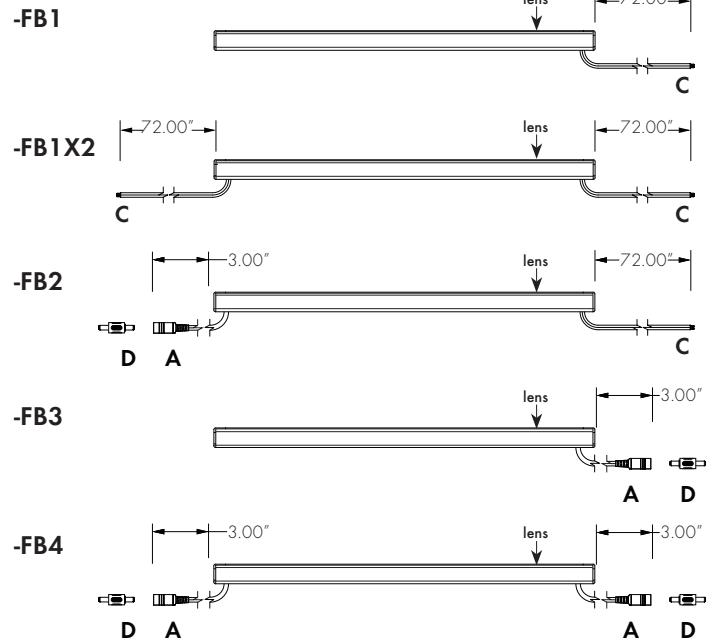
Powerfeed options

Powerfeed options (lens facing up)



-F3, F4, FB3 and -FB4 powerfeed options require #LMC to connect to PSD series of power supplies.

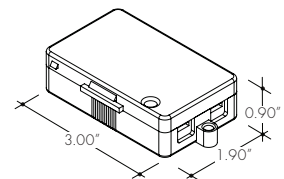
Backfeed Powerfeed options (lens facing up)



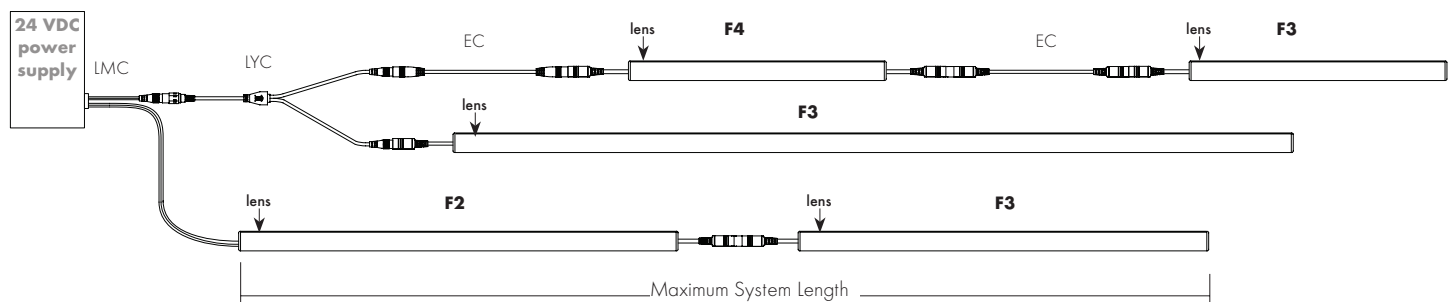
Accessories

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

Part # LVSP-4T-BK



Sample layout of powerfeed connections



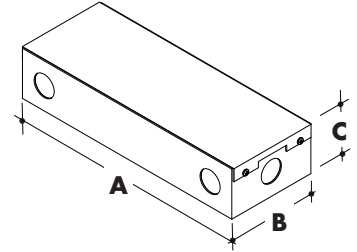
Power supply

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

Non-Dimming:

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"

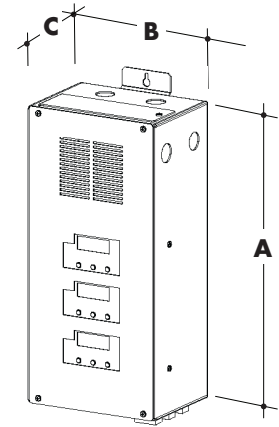


Dimming 0-10V:

MODEL	POWER	OUTPUT	DIMMING
PS010V	3X100	24	LIN
PS010V - 0-10V Power Supply dims down to 0%	3 X 100 WATT	24 - 24 VDC	LIN - Linear LOG - Logarithmic

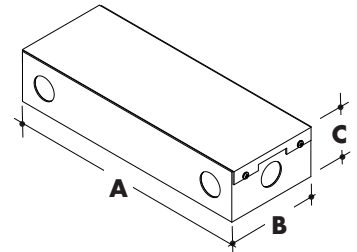
- features eldoLED's LINEARdrive configurable 0-10V drivers

MODELS	PS010V
A Length	15.75"
B Width	6.60"
C Depth	4.80"



MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV	40	24V	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

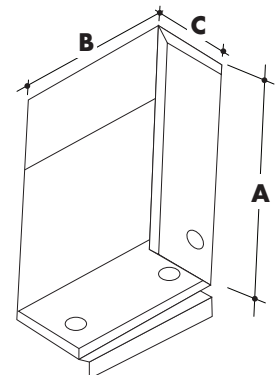
MODELS	PSV Dry	PSV Wet
A Length	9.2"	9.5"
B Width	3.4"	4.12"
C Depth	1.9"	2.3"



Dimming Magnetic low voltage:

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"

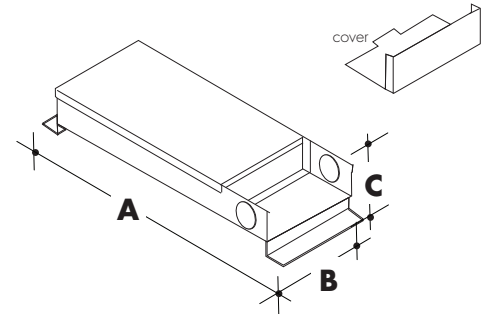


Power supply

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

Dimming Electronic low voltage:

MODEL	CIRCUIT x POWER	OUTPUT	INPUT
CVE	48D	24V	
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



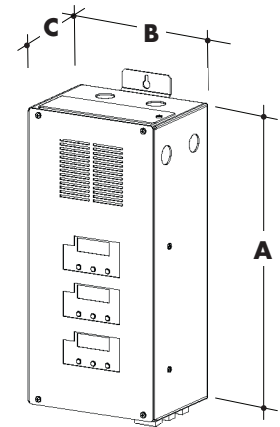
MODELS	Single circuit	Dual circuit	Three circuit	Four circuit
A Length	13.9"	13.8"	13.8"	13.8"
B Width	2.3"	4.0"	5.9"	7.75"
C Depth	1.3"	1.9"	1.9"	1.9"

DMX & DALI:

MODEL	POWER	OUTPUT
PSDMX	3X100	24
PSDMX - DMX Power Supply PSDALI - DALI Power Supply dims down to 0%	3X100 - 3 X 100 WATT	24 - 24 VDC

- Features eldoLED's LINEARdrive configurable dimmable drivers

MODELS	PSDMX	PSDALI
A Length	15.75"	15.75"
B Width	6.60"	6.60"
C Depth	4.80"	4.80"



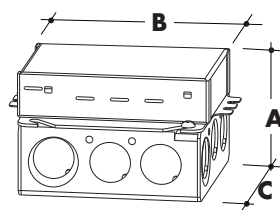
LUTRON®

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
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"

