Features

- 24VDC Class 2 and IP68 rated for • wet locations, fixtures made to order up to 144".Fixtures can be linked up to 48' depending on output
- Suitable for undercabinet, millwork, direct view, grazer, vanity, architectural reveals, accent lighting and surface mount applications
- Dot free even illumination with frosted lens and high color outputs
- High Color Quality options offer premium quality and vibrant colors with R9 values up to 97
- High Efficacy options offer best in class output and efficacy with over 425 lm/ft and up to 76 lm/W
- Proprietary strong bond solder method handles up to 50 lbs of pull force on wire leads and connectors
- 3 Year warranty



Base Silver Anodized Standard Black Bronze White Matte Black 🛛 Warm Nickel Premium Polished Gold 📃 Chrome



Technical Information

ТҮРЕ	- F	ligh Color Quali	ty	High Efficacy					
OUTPUT OPTIONS	7250	72HO	72VHO	HE48LO	HE48SO	HE48MO	HE48HO		
Lumens Output (3000K) (with a Clear Lens)	148 lm/ft	241 lm/ft	293 lm/ft	144 lm/ft	200 lm/ft	267 lm/ft	428 lm/ft		
Average Power Consumption (for a 4' section)	2.8 W/ft	4.8 W/ft	6 W/ft	1.9 W/ft	2.8 W/ft	3.5 W/ft	6.5 W/ft		
Efficacy	53 lm/W	50 lm/W	49 lm/W	76 lm/W	71 lm/W	76 lm/W	66 lm/W		
Max Run Length (in series)	40 ft	31 ft	22 ft	48 ft	42 ft	33 ft	21 ft		
Max Ambient Temperature*	50°C [122°F]	45°C [113°F]	35°C [95°F]		50°C [122°F]		30°C [86°F]		

*Max Ambient Temperature to maintain L70 of 50k+ hours. Exceeding Max Ambient Temperature may result in decreased life/output. Consult Technical Support for specific inquiries.

	High Color Qualit	ty (72)			
CCT	Multiplier		тм	-30	
ССТ	(reference - 3000K)	CRI	Rf	Rg	Rg
2700K	0.97	97	96	99	93
3000K	1.00	96	95	99	92
3500K	1.01	96	95	100	94
4000K	1.34	97	96	102	92

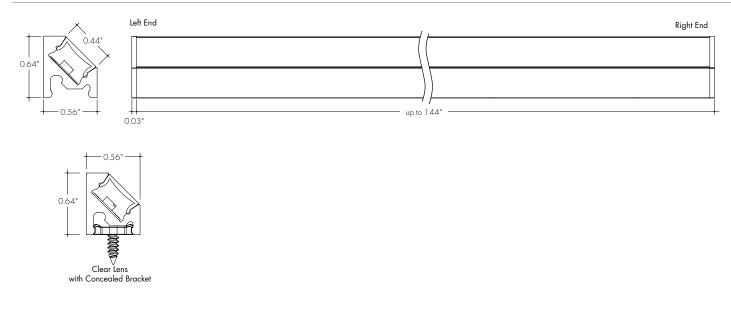
Ordering Code

MODEL	LENGTH ¹	OUTPUT	CCT	LENS ²	MOUNTING	FINISH ³	POSITION TYPE	POWER FEED
	-	-		-	-	-	-	-
MK45W - Myka 45	12"-144" 1" increments 12"-144" 2" increments	72SO - Standard 72HO - High 72VHO - Very High HE48LO - Low HE48SO - Standard HE48MO - Medium HE48HO - High	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4100K 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	C - Clear F - Frosted	CB - Concealed Bracket	Base SA-Silver Anodized Standard BK-Black BZ-Bronze WH-White Premium MBK-Matte Black WN-VVarm Nickel	LE - Left End RE - Right End LB - Left Back RB - Right Back	 72" wire leads 72" wire leads at both ends 72" wire leads at one end and Quick Connect at other Single Quick Connect Dual Quick Connect
1 - Custom lengths and incre 2 - All High Efficacy options with Title 24 JA8 depend	ments are available, can be used to com ing on Output, CCT	please consult Inside Sales v ply with Title 24 JA8. High C , and Lens selections. See mu	vith specific request. Slor Quality options car tiplier charts to calculat	n be used to comply e specific efficacies.	3 - Non SA finishes may have e: Custom RAIs are available, r 4 - Polished Gold, and Chrome I	AB - Aged Brass PG - Polished Gold ⁴ CH - Chrome ⁴ tended lead times and price ac blease consult Inside Sales with finishes have a maximum fixture	Ider. specific request. length of 96°.	

www.luminii.com



Product Dimensions



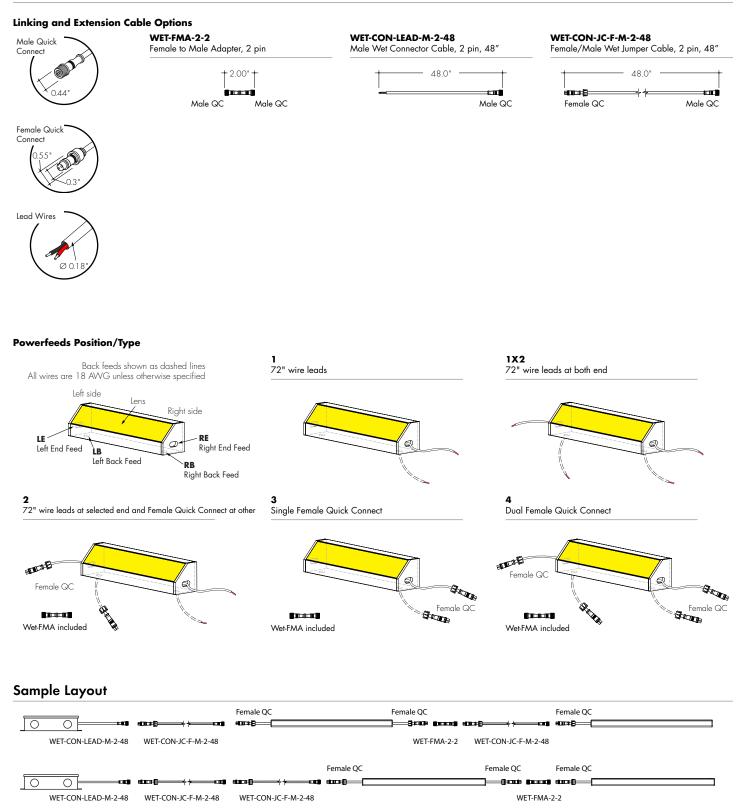
Finish Options

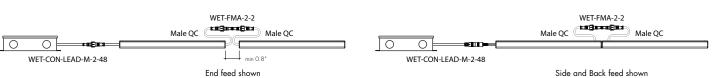
- Finish options are available in a wide variety, allowing for complete customization of style and aesthetic.
 Non Silver Anodized finishes may have extended lead times and price adder.
- Polished Gold and Chrome finishes have a maximum fixture length of 96". •
- Custom RALs are available, please consult Inside Sales with specific request.





Powerfeeds and Connectors

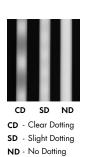




Light Transmission and Dotting

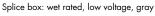
	Lens/A	ccessory
Output Options	Clear Lens	Frosted Lens
72SO	CD	ND
72HO	CD	ND
72VHO	CD	ND
HE48LO	CD	SD
HE48SO	CD	SD
HE48MO	CD	SD
HE48HO	CD	SD
Transmission Percentage	100%	58%

LVSP-WET-CM

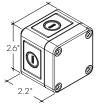


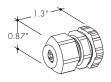
Accessory Options

LVSP-WET

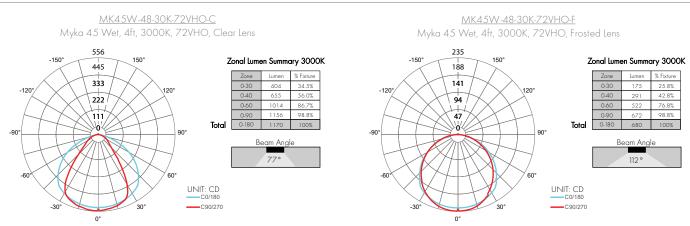


Connector for splice box, low voltage for cable management, gray.





Photometry



Power Consumption

Tested at Full Power with PDC Series power supplies.

*For Back Feed add 4/16" (1/4") to Actual Length. Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

High Color Quality (72)

Nominal	End Feed		Watts		Nominal	End Feed		Watts		Nominal	End Feed		Watts		Nominal	End Feed		Watts	
Length (in)	Actual Length*	so	НО	VHO	Length (in)	Actual Length*	SO	НО	VHO	Length (in)	Actual Length*	SO	НО	νно	Length (in)	Actual Length*	so	но	VHO
12	11	2.7	4.4	6.2	47	46 14/16	10.5	17.4	23.1	82	81 10/16	18.3	29.5	38.4	117	116 6/16	25.9	40.8	52.4
13	12 2/16	2.7	4.4	6.2	48	-	-	-	-	83	82 12/16	18.5	29.8	38.8	118	117 8/16	26.1	41.1	52.8
14	13 5/16	2.9	4.8	6.7	49	48 1/16	10.7	17.8	23.5	84	83 15/16	18.7	30.1	39.2	119	118 11/16	26.3	41.4	53.2
15	14 7/16	3.1	5.2	7.3	50	49 3/16	11.1	18.6	24.4	85	-	-	-	-	120	119 13/16	26.5	41.7	53.6
16	15 10/16	3.4	5.6	7.8	51	50 6/16	11.4	18.9	24.9	86	85 1/16	19.2	30.8	40.0	121	121	26.7	42.0	54.0
17	16 12/16	3.6	6.0	8.3	52	51 8/16	11.6	19.3	25.3	87	86 4/16	19.4	31.1	40.4	122	-	-	-	-
18	17 15/16	3.9	6.5	8.9	53	52 11/16	11.9	19.7	25.7	88	87 6/16	19.6	31.5	40.8	123	122 2/16	27.1	42.6	54.7
19	-	-	-	-	54	53 13/16	12.1	20.1	26.1	89	88 9/16	19.9	31.8	41.1	124	123 5/16	27.3	42.9	55.0
20	19 1/16	4.4	7.3	9.9	55	55	12.3	20.5	26.6	90	89 12/16	20.1	32.2	41.5	125	124 7/16	27.5	43.1	55.4
21	20 4/16	4.6	7.7	10.5	56	-	-			91	90 14/16	20.4	32.5	41.9	126	125 10/16	27.7	43.4	55.7
22	21 6/16	4.8	8.1	11.0	57	56 2/16	12.8	21.3	27.4	92	-		-	-	127	126 12/16	27.9	43.7	56.1
23	22 9/16	5.1	8.6	11.5	58	57 5/16	13.1	21.6	27.8	93	92 1/16	20.6	32.9	42.3	128	127 15/16	28.1	43.9	56.4
24	23 12/16	5.3	9.0	12.1	59	58 7/16	13.3	22.0	28.3	94	93 3/16	21.1	33.6	43.1	129	-	-	-	-
25	24 14/16	5.6	9.4	12.6	60	59 10/16	13.6	22.4	28.7	95	94 6/16	21.3	33.9	43.4	130	129 1/16	28.5	44.5	57.1
26	-	-	-	-	61	60 12/16	13.8	22.8	29.1	96	95 8/16	21.5	34.2	43.8	131	130 4/16	28.7	44.7	57.4
27	26 1/16	5.8	9.8	13.1	62	61 15/16	14.0	23.1	29.6	97	96 11/16	21.8	34.6	44.2	132	131 7/16	28.9	45.0	57.8
28	27 3/16	6.2	10.5	14.1	63	-	-	-	-	98	97 13/16	22.0	34.9	44.6	133	132 9/16	29.1	45.3	58.1
29	28 6/16	6.5	10.9	14.5	64	63 1/16	14.5	23.8	30.5	99	99	22.2	35.2	45.0	134	133 12/16	29.3	45.5	58.4
30	29 8/16	6.7	11.2	15.0	65	64 4/16	14.7	24.1	31.0	100	-	-	-	-	135	134 14/16	29.5	45.7	58.7
31	30 11/16	6.9	11.6	15.5	66	65 6/16	14.9	24.4	31.4	101	100 2/16	22.5	35.9	45.9	136	-	-	-	-
32	31 13/16	7.1	12.0	16.0	67	66 9/16	15.1	24.7	31.9	102	101 5/16	22.7	36.2	46.3	137	136 1/16	29.6	45.9	59.1
33	33	7.3	12.3	16.5	68	67 12/16	15.3	25.0	32.4	103	102 7/16	22.9	36.5	46.7	138	137 3/16	30.0	46.3	59.7
34	-	-		-	69	68 14/16	15.5	25.4	32.8	104	103 10/16	23.1	36.8	47.1	139	138 6/16	30.2	46.5	60.0
35	34 2/16	7.8	13.1	17.4	70	-	-	-	-	105	104 12/16	23.3	37.1	47.5	140	139 8/16	30.3	46.8	60.3
36	35 5/16	8.0	13.4	17.9	71	70 1/16	15.8	25.7	33.3	106	105 15/16	23.5	37.4	48.0	141	140 11/16	30.5	47.0	60.6
37	36 7/16	8.2	13.8	18.4	72	71 3/16	16.2	26.3	34.2	107	-	-	-	-	142	141 13/16	30.7	47.2	61.0
38	37 10/16	8.4	14.2	18.9	73	72 6/16	16.4	26.6	34.7	108	107 1/16	23.9	38.1	48.8	143	143	30.8	47.4	61.3
39	38 12/16	8.7	14.5	19.3	74	73 8/16	16.6	26.9	35.1	109	108 4/16	24.1	38.4	49.2	144	-	-	-	-
40	39 15/16	8.9	14.9	19.8	75	74 11/16	16.8	27.3	35.5	110	109 7/16	24.3	38.7	49.6					
41	_	-		-	76	75 13/16	17.1	27.6	35.9	111	110 9/16	24.5	39.0	50.0					
42	41 1/16	9.3	15.6	20.7	77	77	17.3	27.9	36.3	112	111 12/16	24.8	39.3	50.4					
43	42 4/16	9.6	16.0	21.2	78	-	-		-	113	112 14/16	25.0	39.6	50.8	-				
44	43 6/16	9.8	16.4	21.7	79	78 2/16	17.7	28.5	37.2	114			-	-	-				
45	44 9/16	10.0	16.7	22.1	80	79 5/16	17.9	28.9	37.6	115	114 1/16	25.2	39.9	51.2					
46	45 12/16	10.2	17.1	22.6	81	80 7/16	18.1	29.2	38.0	116	115 3/16	25.6	40.5	52.0					

Power Consumption

Tested at Full Power with PDC Series power supplies.

Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

High Efficacy (HE48)

Nominal	End Feed		W	atts		Nominal	End Feed		W	atts		Nominal	End Feed		W	atts		Nominal	End Feed		W	atts	
Length (in)	Actual Length*	LO	so	мо	но	Length (in)	Actual Length*	LO	so	мо	но	Length (in)	Actual Length*	LO	so	мо	но	Length (in)	Actual Length*	LO	so	мо	но
12	10 13/16	1.7	2.5	3.5	5.7	47	46 13/16	6.9	10.7	13.3	24.7	82	-	-	-	-	_	117	116 13/16	17.3	27.3	33.7	57.9
13	12 13/16	1.7	2.5	3.5	5.7	48	-	_	-	-	-	83	82 13/16	12.5	19.9	23.9	42.2	118	_	-	-	_	-
14	_	-	-	-	-	49	48 13/16	7.1	11.2	13.9	25.4	84	_	-	-	-		119	118 13/16	17.5	27.7	34.3	58.7
15	14 13/16	2.0	3.0	4.0	7.2	50	-	-	-	-	-	85	84 13/16	12.8	20.3	24.5	43.1	120	-	-	-	-	-
16	-	-	-	-	-	51	50 13/16	7.4	11.7	14.5	26.3	86	-	-	-	-	-	121	120 13/16	17.8	28.1	34.9	59.6
17	16 13/16	2.4	3.5	4.6	8.7	52	-	-	-	-	-	87	86 13/16	13.1	20.8	25.1	44.1	122	-	-	-	_	-
18	-	-	-	-	-	53	52 13/16	7.7	12.3	15.1	27.4	88	-	-	-	-	-	123	122 13/16	18.1	28.6	35.5	60.5
19	18 13/16	2.7	3.9	5.2	10.2	54	-	-	-	-	-	89	88 13/16	13.4	21.3	25.7	45.0	124	-	-	-	-	-
20	-	-	-	-	-	55	54 13/16	8.0	12.9	15.7	28.5	90	-	-	-	-	-	125	124 13/16	18.3	29.0	36.0	62.1
21	20 13/16	3.0	4.4	5.8	11.7	56	-	-	-	-	-	91	90 13/16	13.7	21.7	26.3	46.0	126	-	-	-	-	-
22		-	-	-	-	57	56 13/16	8.4	13.5	16.4	29.5	92	-	-	-	-	-	127	126 13/16	18.4	29.5	36.6	63.8
23	22 13/16	3.4	4.9	6.4	13.2	58	-	-	-	-	-	93	92 13/16	14.0	22.1	26.9	47.0	128	-	-	-	-	-
24	-	-	-	-	-	59	58 13/16	8.7	14.0	17.0	30.6	94	-	-	-	-	-	129	128 13/16	18.6	29.9	37.2	65.4
25	24 13/16	3.7	5.4	7.0	14.7	60	-	-	-	-	-	95	94 13/16	14.3	22.6	27.5	47.9	130	-	-	-	-	-
26	-	-	-	-	-	61	60 13/16	9.0	14.6	17.6	31.6	96	-	-	-	-	-	131	130 13/16	18.8	30.4	37.7	67.0
27	26 13/16	4.1	5.9	7.5	15.8	62	-	-	-	-	-	97	96 13/16	14.4	22.8	27.8	48.4	132	-	-	-	-	-
28	-	-	-	-	-	63	62 13/16	9.4	15.2	18.2	32.6	98	-	-	-	-	-	133	132 13/16	18.9	30.8	38.3	68.6
29	28 13/16	4.4	6.4	8.1	16.8	64	-	_	-	-	-	99	98 13/16	14.7	23.3	28.5	49.4	134	-	-	-	-	-
30	-	-	-	-	-	65	64 13/16	9.7	15.6	18.7	33.7	100	-	-	-	-	-	135	134 13/16	19.1	31.2	38.9	70.2
31	30 13/16	4.8	6.9	8.7	17.9	66	-	-	-	-	-	101	100 13/16	15.0	23.7	29.0	50.4	136	-	-	-	-	-
32	-	-	-	-	-	67	66 13/16	10.0	16.1	19.2	34.7	102	-	-	-	-	-	137	136 13/16	19.3	31.8	39.4	70.7
33	32 13/16	5.0	7.2	9.0	18.5	68	-	-	-	-	-	103	102 13/16	15.3	24.1	29.6	51.3	138	-	-	-	-	-
34	-	-	-	-	-	69	68 13/16	10.4	16.5	19.8	35.7	104	-	-	-	-	_	139	138 13/16	19.5	32.3	40.0	71.2
35	34 13/16	5.4	7.7	9.6	19.5	70	-	-	-	-	-	105	104 13/16	15.6	24.6	30.2	52.3	140	-	-	-	-	-
36	-	-	-	-	-	71	70 13/16	10.7	17.0	20.3	36.7	106	-	-	-	-	-	141	140 13/16	19.8	32.8	40.6	71.8
37	36 13/16	5.7	8.2	10.2	20.6	72	-	-	-	-	-	107	106 13/16	15.8	25.0	30.7	53.2	142	-	-	-	-	-
38	-	-	-	-	-	73	72 13/16	11.0	17.4	20.8	37.7	108	-	-	-	-	_	143	142 13/16	20.0	33.3	41.1	72.3
39	38 13/16	6.0	8.7	10.8	21.5	74	-	-	-	-	-	109	108 13/16	16.1	25.5	31.3	54.2	144	-	-	-	-	-
40	-	-	-	-	-	75	74 13/16	11.3	17.9	21.4	38.7	110	-	-	-	-	-	_					
41	40 13/16	6.2	9.2	11.4	22.3	76	-		-	-	-	111	110 13/16	16.4	25.9	31.9	55.2	_					
42	-	-	-	-	-	77	76 13/16	11.6	18.4	22.0	39.6	112	-	-	-	-							
43	42 13/16	6.4	9.7	12.0	23.1	78			-	-	-	113	112 13/16	16.7	26.4	32.5	56.1	_					
44	-	_	-	-	-	79	78 13/16	11.9	18.9	22.7	40.5	114	-	-	-	-	_	_					
45	44 13/16	6.7	10.2	12.6	23.9	80	-	_	-	-	-	115	114 13/16	17.0	26.8	33.1	57.0	_					
46	-	-	-	-	-	81	80 13/16	12.2	19.4	23.3	41.4	116	-	-	-	-	-	-					



Voltage Drop Calculator

The below chart assumes nominal voltage of 24 Volts and a Voltage Drop Allowance of 3% through the wire

Wattage		Maxi	mum Wire Lengt	n From Power Su	pply to Start of R	un [ft]	
[W]	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG	24 AWG
5	1088.2	684.4	430.3	270.6	170.2	107.1	67.3
10	544.1	342.2	215.1	135.3	85.1	53.5	33.7
15	362.7	228.1	143.4	90.2	56.7	35.7	22.4
20	272.0	171.1	107.6	67.7	42.6	26.8	16.8
25	217.6	136.9	86.1	54.1	34.0	21.4	13.5
30	181.4	114.1	71.7	45.1	28.4	17.8	11.2
35	155.5	97.8	61.5	38.7	24.3	15.3	9.6
40	136.0	85.5	53.8	33.8	21.3	13.4	8.4
45	120.9	76.0	47.8	30.1	18.9	11.9	7.5
50	108.8	68.4	43.0	27.1	17.0	10.7	6.7
55	98.9	62.2	39.1	24.6	15.5	9.7	6.1
60	90.7	57.0	35.9	22.6	14.2	8.9	5.6
65	83.7	52.6	33.1	20.8	13.1	8.2	5.2
70	77.7	48.9	30.7	19.3	12.2	7.6	4.8
75	72.5	45.6	28.7	18.0	11.3	7.1	4.5
80	68.0	42.8	26.9	16.9	10.6	6.7	4.2
85	64.0	40.3	25.3	15.9	10.0	6.3	4.0
90	60.5	38.0	23.9	15.0	9.5	5.9	3.7
96	56.7	35.6	22.4	14.1	8.9	5.6	3.5

3.73"

1.61"

4.32"

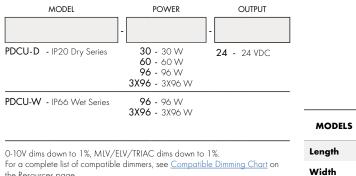
1.81"

Power Supplies

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

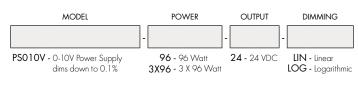
Depth

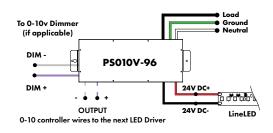
Universal Power Supply 1% 120VAC - 277VAC



the Resources page.

0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC





	Di Di Line	applicable) M - M + 24V E Y Q 24V E			● Neutral ● Ground ● Load
PDCU-W 96W	PDCU-W 3X96W	PDCU-D 30W	PDCU-D 60W	PDCU-D 96W	PDCU-D 3X96W
8.66"	11.85"	6.10"	7.93"	8.25"	9.57"

PDCU-W/PDCU-D

4.10"

1.56"

5.94"

1.13"

To 0-10V Dimmer

(if applicable)

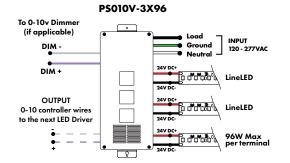
3.35"

1.33

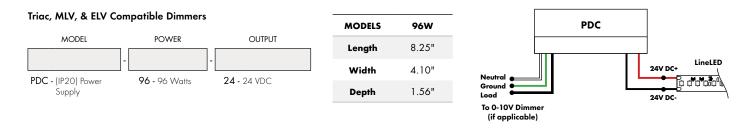
96W	3X96
14.40"	15.75"
5.20"	6.62"
2.60"	4.95"
	14.40" 5.20"

3.35"

1.32"



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Athena 0-10V LED Driver

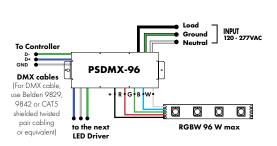
MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE	To 0-10v Dimmer Ground (if applicable)
PS- Power Supply, 120-277VAC	010V-LIN-0-10V Dimming, Linear 010V-LOG 0-10V Dimming, Logarithmic	D-Dry	96 -96 W	24-24 VDC	AWNR-Athena	
				MODELS	96W	DIM +
				Length	14.40"	OUTPUT 24V DC- 0-10 controller wires to the next LED Driver
				Width	5.20"	
				Depth	2.60"	

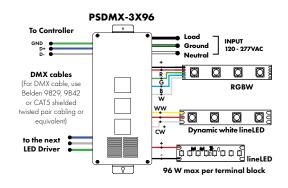
Power Supplies

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

MODEL POWER OUTPUT Length 14.40" 15.75" Image: Comparison of the state of the stat	DMX Dimming Power Su	MODELS	96W	3X96			
	MODEL	POWER	OUTPUT		Length	14.40"	15.75"
PSDMX - DMX Power Supply 96 - 96 Watt 24 - 24 VDC Depth 2.60" 4.95"	-		-		Width	5.20"	6.62"
	PSDMX - DMX Power Supply dims down to 0%	96 - 96 Watt 3X96 - 3 X 96 Watt	24 - 24 VDC	1	Depth	2.60"	4.95"

Features eldoLED's LINEARdrive configurable dimmable drivers



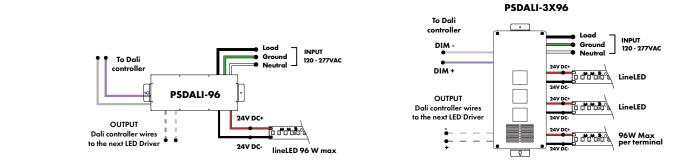


DALI 0% Dimming Power Supplies 120VAC - 277VAC

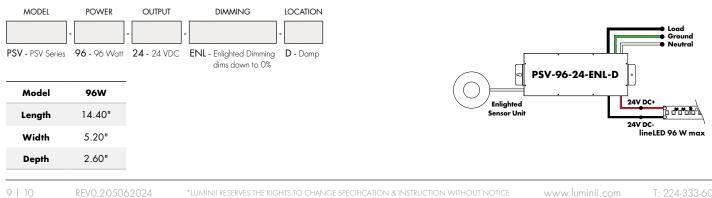


Features eldoLED's LINEARdrive configurable dimmable drivers

Model	96W	3X96
Length	14.40"	15.75"
Width	5.20"	6.62"
Depth	2.60"	4.95"



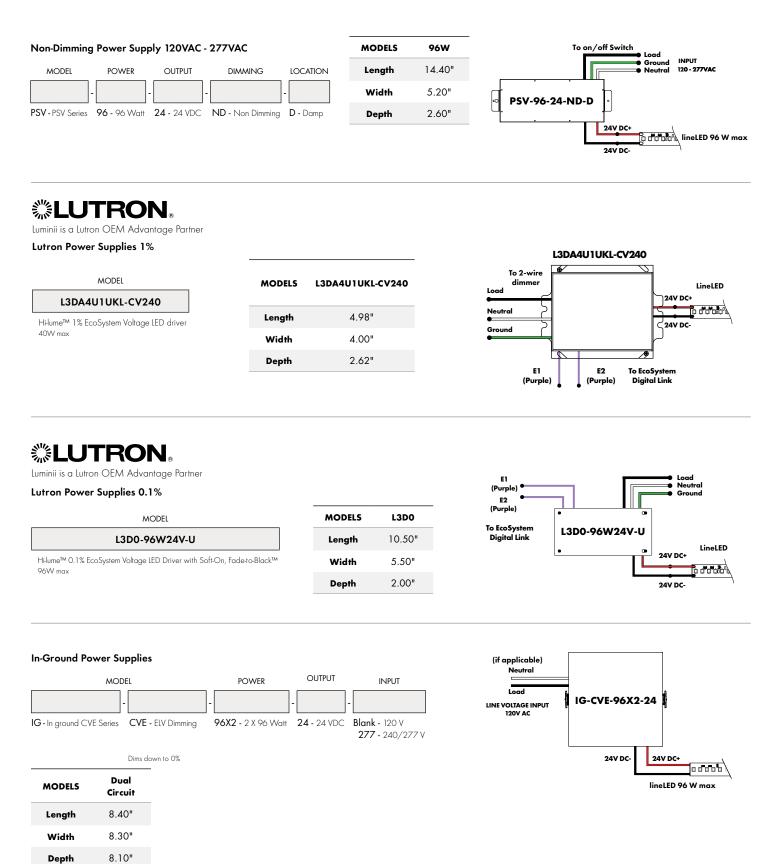
Enlighted Enabled Dimming Power Supplies 120VAC - 277VAC





Power Supplies

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.



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