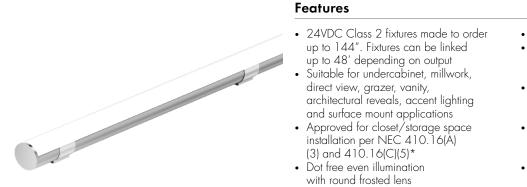
Linear Illumination System

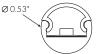




Finish Options (see page 2 for additional information)



- Class 2 listed for damp locations
- 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 300 lm/ft and up to 54 lm/W
- Proprietary strong bond solder method handles up to 50 lbs of pull force on wire leads and connectors
- 7 Year warranty





Technical Information

ТҮРЕ		High Color Quali	ty	High Efficacy					
OUTPUT OPTIONS	7250	72HO	72VHO	HE48LO	HE48SO	HE48MO	HE48HO		
Lumens Output (3000K) (with a Round Frosted Lens)	106 lm/ft	172 lm/ft	308 lm/ft	103 lm/ft	143 lm/ft	190 lm/ft	305 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	38 lm/W	36 lm/W	51 lm/W	54 lm/W	51 lm/W	54 lm/W	47 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]		50°C [122°F]		40°C [104°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 Quality (72)

	-	• • •						
сст	Multiplier	TM-30						
CCI	(reference - 3000K)	CRI	Rf	Rg	R9			
1900K	0.55	96	94	97	90			
2200K	0.70	96	95	101	89			
2400K	0.72	98	97	101	91			
2700K	0.74	97	96	101	91			
3000К	1.00	97	95	104	97			
3500K	1.02	97	94	105	97			
4100K	1.07	97	90	99	97			

lier	τM	20	
		-30	
3000K) CRI	Rf	Rg	R9
92	91	97	42
93	96	96	62
1 92	90	99	58
92	89	99	57
00	89	99	60
92			
) 92 89) 92 89 99

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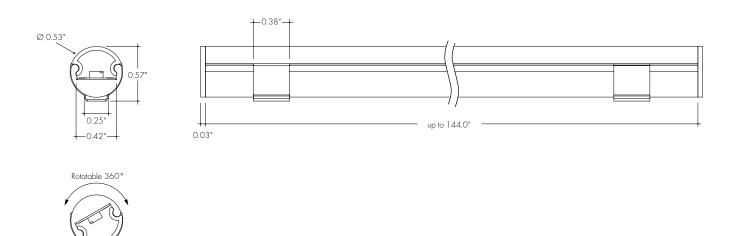
Ordering Code

MODEL	LENGTH ¹	OUTPUT ⁵	CCT	LENS ²	MOUNTING	FINISH ³	POSITION TYPE	POWER FEED
	-	-				•	-	
MKRO-Myka Round	12"-144" 1" increments	72SO -Standard 72HO - High 72VHO - Very High	19K - 1900K 22K - 2200K 24K - 2400K 27K - 2700K 30K - 3000K 35K - 3500K 41K - 4100K	RF - Round Frosted	FC - Fixed Clip	Base SA-Silver Anodized Standard BK-Black BZ-Bronze WH-White	E - End B - 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
	12"-144" 2" increments	HE48LO-Low HE48SO-Standard HE48MO-Medium HE48HO-High	22K - 2200K 25K - 2500K 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K			Premium MBK-Matte Black WN - Warm Nickel AB - Aged Brass PG - Polished Gold ⁴ CH - Chrome ⁴		

 Custom lengths and increments are available, please consult Inside Sales with specific request.
 All High Efficacy options can be used to comply with Title 24 JA8. High Color Quality options can be used to comply with Title 24 JA8 depending on Output, CCT, and lens selections. See multiplier charts to calculate specific efficacies.

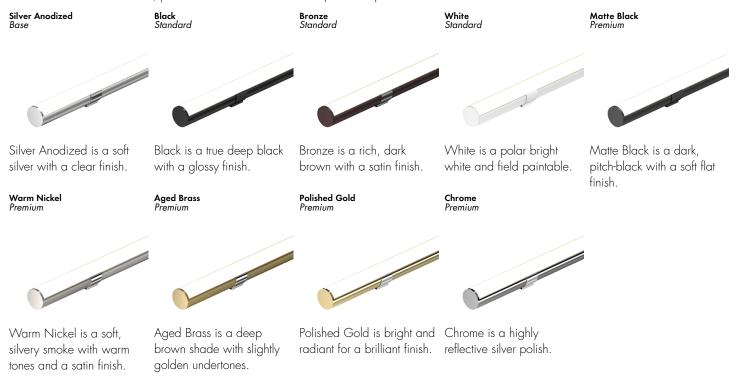
3 - Non SA finishes may have extended lead times and price adders. Custom RALs are available, contact Inside Sales with specific request be used to comply 4 - Polished Gold, and Chrome Finishes have a maximum fixture length of 967. specific efficacies. 5 - Closet/Storage Space ratings only available on fixtures with outputs 5.7V(X) for less

Product Dimensions



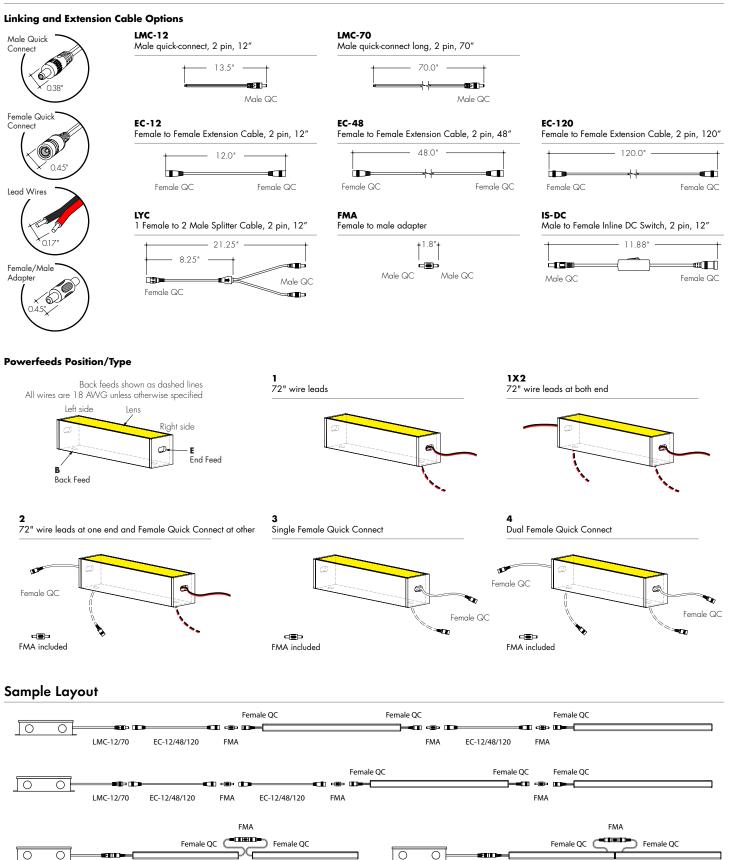
Finish Options

- 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 has a maximum fixture length of 96".
- Custom RALs are available, please consult Inside Sales with specific request.



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Powerfeeds and Connectors



LMC-12/70

LMC-12/70

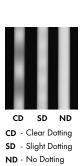
nin 0.25

End feed shown

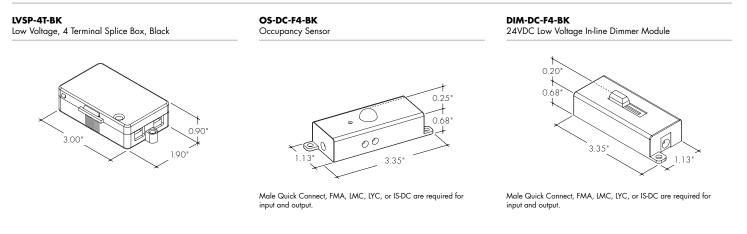
Side and Back feed shown

Light Transmission and Dotting

	Lens/Accessory
Output Options	Round Frosted Lens
72SO	ND
72HO	ND
72VHO	ND
HE48LO	ND
HE48SO	ND
HE48MO	ND
HE48HO	ND



Accessory Options



Photometry

MKRO-48-30K-72VHO-RE Myka Round, 4ft, 3000K, 72VHO, Round Frosted Lens Zonal Lumen Summary 3000K 311 % Fixture Lumen -150° 248 150° 235 19.1% 393 186 735 59.7% -120° 120° 88.4% 1088 124 Total 62 Beam Angle 90 -90 146° 30 0

4 | 10 REV0.202092024

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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.

*For Back and Side 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 Efficacy (HE48)

Nominal	Side and		w	atts		Naminal	Side and		W	atts		Nominal	Side and		W	atts		Nominal	Side and		W	atts	
Length (in)	End Feed Actual Length*	LO	so	мо	но	Nominal Length (in)	End Feed Actual Length*	LO	so	мо	но	Length (in)	End Feed Actual Length*	LO	so	мо	но	Length (in)	End Feed Actual Length*	LO	so	мо	НО
12	10 9/16	1.7	2.5	3.5	5.7	47	46 9/16	6.9	10.7	13.3	24.7	82	-		_	_		117	116 9/16	17.3	27.3	33.7	57.9
13	12 9/16	1.7	2.5	3.5	5.7	48		_	_	_	-	83	82 9/16	12.5	19.9	23.9	42.2	118		_	_	_	_
14	-	_	-	-	_	49	48 9/16	7.1	11.2	13.9	25.4	84	-	_	-	_		119	118 9/16	17.5	27.7	34.3	58.7
15	14 9/16	2.0	3.0	4.0	7.2	50	-	_	-	-	-	85	84 9/16	12.8	20.3	24.5	43.1	120	-	_	-	-	-
16	-	-	-	-	_	51	50 9/16	7.4	11.7	14.5	26.3	86	-	-	-	-	-	121	120 9/16	17.8	28.1	34.9	59.6
17	16 9/16	2.4	3.5	4.6	8.7	52	-	-	-	-	-	87	86 9/16	13.1	20.8	25.1	44.1	122	-	-	-	-	-
18	-	-	-	-	-	53	52 9/16	7.7	12.3	15.1	27.4	88	-	-	-	-	-	123	122 9/16	18.1	28.6	35.5	60.5
19	18 9/16	2.7	3.9	5.2	10.2	54	-	-	-	-	-	89	88 9/16	13.4	21.3	25.7	45.0	124	-		-	-	-
20	-	-	-	-	-	55	54 9/16	8.0	12.9	15.7	28.5	90	-	-	-	-	-	125	124 9/16	18.3	29.0	36.0	62.1
21	20 9/16	3.0	4.4	5.8	11.7	56	-	-	-	-	-	91	90 9/16	13.7	21.7	26.3	46.0	126	-	-	-	-	-
22	-	-	-	-	-	57	56 9/16	8.4	13.5	16.4	29.5	92	-	-	-	-	-	127	126 9/16	18.4	29.5	36.6	63.8
23	22 9/16	3.4	4.9	6.4	13.2	58	-	-	-	-	-	93	92 9/16	14.0	22.1	26.9	47.0	128	-	-	-	-	-
24	-	-	-	-	-	59	58 9/16	8.7	14.0	17.0	30.6	94	-	-	-	-	-	129	128 9/16	18.6	29.9	37.2	65.4
25	24 9/16	3.7	5.4	7.0	14.7	60	-	-	-	-	-	95	94 9/16	14.3	22.6	27.5	47.9	130	-		-	-	-
26	-	-	-	-	-	61	60 9/16	9.0	14.6	17.6	31.6	96	-	-	-	-	-	131	130 9/16	18.8	30.4	37.7	67.0
27	26 9/16	4.1	5.9	7.5	15.8	62	-	_	_	-	-	97	96 9/16	14.4	22.8	27.8	48.4	132	-	-	-	-	-
28	-	_	-	-	-	63	62 9/16	9.4	15.2	18.2	32.6	98	-	-	-	-	_	133	132 9/16	18.9	30.8	38.3	68.6
29	28 9/16	4.4	6.4	8.1	16.8	64	-	-	-	-	-	99	98 9/16	14.7	23.3	28.5	49.4	134	-	-	-	-	-
30	-	-	-	-	-	65	64 9/16	9.7	15.6	18.7	33.7	100	-	-	-	-	-	135	134 9/16	19.1	31.2	38.9	70.2
31	30 9/16	4.8	6.9	8.7	17.9	66	-	-	-	-	-	101	100 9/16	15.0	23.7	29.0	50.4	136	-	-	-	-	-
32	-	-	-	-	-	67	66 9/16	10.0	16.1	19.2	34.7	102	-	-	-	-	-	137	136 9/16	19.3	31.8	39.4	70.7
33	32 9/16	5.0	7.2	9.0	18.5	68	-	-	-	-	-	103	102 9/16	15.3	24.1	29.6	51.3	138	-	-	-	-	-
34	-	-	-	-	-	69	68 9/16	10.4	16.5	19.8	35.7	104	-	-	-	-	-	139	138 9/16	19.5	32.3	40.0	71.2
35	34 9/16	5.4	7.7	9.6	19.5	70	-	-	-	-	-	105	104 9/16	15.6	24.6	30.2	52.3	140	-	-	-	-	-
36	-	-	-	-	-	71	70 9/16	10.7	17.0	20.3	36.7	106	-	-	-	-	-	141	140 9/16	19.8	32.8	40.6	71.8
37	36 9/16	5.7	8.2	10.2	20.6	72	-	-	-	-	-	107	106 9/16	15.8	25.0	30.7	53.2	142	-	-	-	-	-
38	-	-	-	-	-	73	72 9/16	11.0	17.4	20.8	37.7	108	-	-	-	-	-	143	142 9/16	20.0	33.3	41.1	72.3
39	38 9/16	6.0	8.7	10.8	21.5	74	-	-	-	-	-	109	108 9/16	16.1	25.5	31.3	54.2	144	-	-	-	-	-
40	-	-	-	-	-	75	74 9/16	11.3	17.9	21.4	38.7	110	-	-	-	-	-	-					
41	40 9/16	6.2	9.2	11.4	22.3	76	-	-	-	-	-	111	110 9/16	16.4	25.9	31.9	55.2	-					
42	-	-	-	-	-	77	76 9/16	11.6	18.4	22.0	39.6	112	-	-	_	-	-	-					
43	42 9/16	6.4	9.7	12.0	23.1	78	-	-	-	-	-	113	112 9/16	16.7	26.4	32.5	56.1	_					
44	-	_	-	-	-	79	78 9/16	11.9	18.9	22.7	40.5	114	-	-	-	_	_	-					
45	44 9/16	6.7	10.2	12.6	23.9	80	-	-	-	-	-	115	114 9/16	17.0	26.8	33.1	57.0	-					
46	-	-	-	-	-	81	80 9/16	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

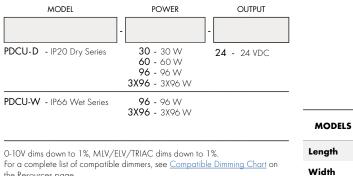
Wattage		Maxi	mum Wire Lengt	n From Power Su	pply to Start of R	un [ft]	
[W]	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG	24 AWG
5	1088.2	684.4	430.3	270.6	170.2	107.1	67.3
10	544.1	342.2	215.1	135.3	85.1	53.5	33.7
15	362.7	228.1	143.4	90.2	56.7	35.7	22.4
20	272.0	171.1	107.6	67.7	42.6	26.8	16.8
25	217.6	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

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



To 0-10V Dimmer PDCU-W/PDCU-D (if applicable) DIM - 🔸 DIM + LineLED 24V DC+ Neutral , "dia to to to to Ground load 24V DC-

PDCU-D

60W

7.93"

3.35"

1.32"

PDCU-D

96W

8.25"

4.10"

1.56"

PDCU-D

3X96W

9.57"

5.94"

1.13"

PDCU-W

3X96W

11.85"

4.32"

1.81"

PDCU-W

96W

8.66" 3.73"

1.61"

PDCU-D

30W

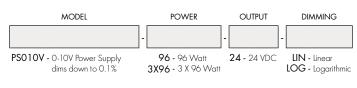
6.10"

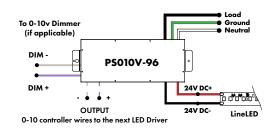
3.35"

1.33

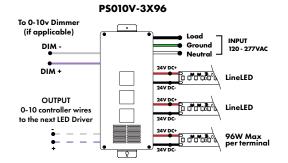
0-10V dims down to 1%, MLV/ELV/TRIAC dims down to 1%.
For a complete list of compatible dimmers, see <u>Compatible Dimming Chart</u> on
the Resources page.

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

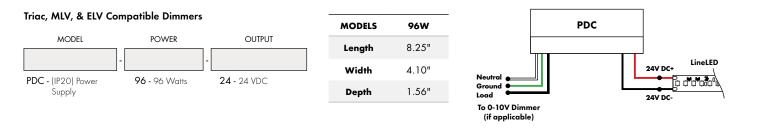




MODELS 96W 3X96 15.75" Length 14.40" Width 5.20" 6.62" 2.60" 4.95" Depth



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Athena 0-10V LED Driver

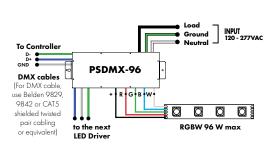
MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE	- Load
-				-		To 0-10v Dimmer (if applicable) Ground
PS- Power Supply, 120-277VAC	010V-LIN-0-10V Dimming, Linear 010V-LOG 0-10V Dimming, Logarithmic	D-Dry	96 -96 W	24-24 VDC	AWNR-Athena	
				MODELS	96W	DIM + 24V DC+
				Length	14.40"	OUTPUT 24V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

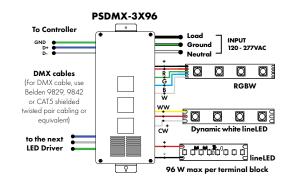
Power Supplies

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.

DMX Dimming Power S	upplies 120VAC - 2	MODELS	96W	3X96		
MODEL	POWER	OUTPUT	_	Length	14.40"	15.75"
	-	-		Width	5.20"	6.62"
PSDMX - DMX Power Supply dims down to 0%	96 - 96 Watt 3X96 - 3 X 96 Watt	24 - 24 VDC		Depth	2.60"	4.95"
dims down to 0%	3XYO - 3 X 96 VVatt					

Features eldoLED's LINEARdrive configurable dimmable drivers



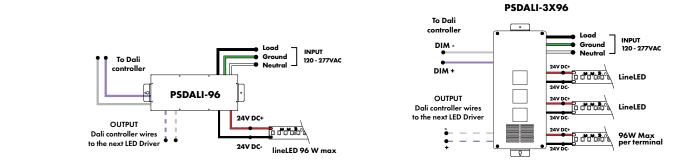


DALI 0% Dimming Power Supplies 120VAC - 277VAC

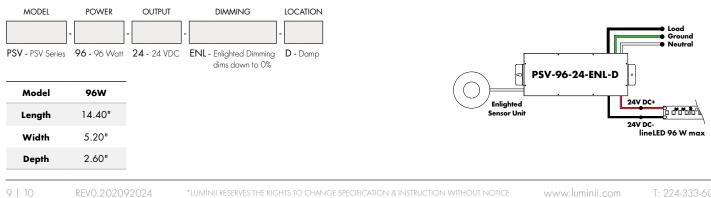


Features eldoLED's LINEARdrive configurable dimmable drivers

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.

