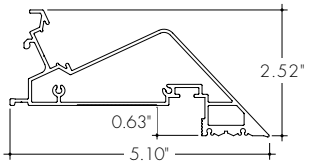
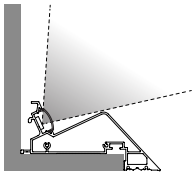
Features

- The Luminii Knife Edge system produces an elegant, seamless sharp-edged architectural feature with uniform lighting on adjacent surfaces.
- Accepts 5/8" thick drywall on its underside.architectural reveals, accent lighting and surface mount applications
- Create a soft diffused illumination, color tuning or an asymmetrical forward distribution by selecting the desired beam control offering.
- Integrated asymmetric light engine or soft perimeter glow
- Factory cut to length
- Factory built precision Inside and Outside Corners
- Painted Eggshell RAL 9010 with primer to accept field painting
- 5 Year Warranty





Technical Information

TYPE	High Color Quality			High Efficacy				High Efficacy
OUTPUT OPTIONS	**72SO**	**72HO**	**72VHO**	**HE48LO**	**HE48SO**	**HE48MO**	**HE48HO**	**HE64VHO**
Lumens Output (3000K) (with Clear Lens)	150 lm/ft	243 lm/ft	296 lm/ft	146 lm/ft	202 lm/ft	270 lm/ft	433 lm/ft	548 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	7.5 W/ft
Efficacy	54 lm/W	51 lm/W	49 lm/W	77 lm/W	72 lm/W	77 lm/W	67 lm/W	73 lm/W
Max Run Length (in series)	40 ft	31 ft	22 ft	48 ft	42 ft	33 ft	21 ft	15 ft
Max Ambient Temperature*	50°C [122°F]			50°C [122°F]				50°C [122°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)

CCT	Multiplier (reference - 3000K)	TM-30 CRI	TM-30 R_f	TM-30 R_g	TM-30 R_9
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
3000K	1.00	97	95	104	97
3500K	1.02	97	94	105	97
4100K	1.07	97	90	99	97

High Efficacy (HE48/HE64)

CCT	Multiplier (reference - 3000K)	TM-30 CRI	TM-30 R_f	TM-30 R_g	TM-30 R_9
2200K	0.73	92	91	97	42
2500K	0.81	93	96	96	62
2700K	0.94	92	90	99	58
3000K	1.00	92	89	99	57
3500K	1.02	92	89	99	60
4000K	1.02	92	86	94	71

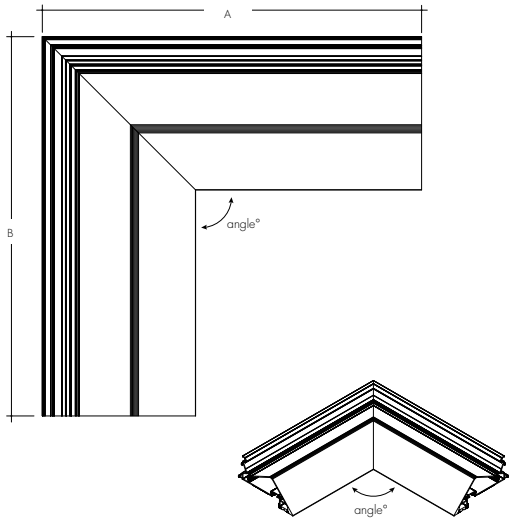
Ordering Code

MODEL	LENGTH[1]	OUTPUT	CCT	LEFT END	RIGHT END	POWER FEED
KE - Knife Edge	12"–84" 1" increments	72SO - Standard 72HO - High 72VHO - Very High	19K - 1900K 22K - 2200K 24K - 2400K 27K - 2700K 30K - 3000K 35K - 3500K 41K - 4100K	LE - With End Cap LN - Without End Cap LNJ - Without End Cap, with Jumper	RE - With End Cap RN - Without End Cap RNJ - Without End Cap, with Jumper	LB - Left Back RB - Right Back NPF - No Powerfeed[3]
	12"–84" 2" increments	HE48LO - Low HE48SO - Standard HE48MO - Medium HE48HO - High HE64VHO - Very High	22K - 2200K 25K - 2500K 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K			

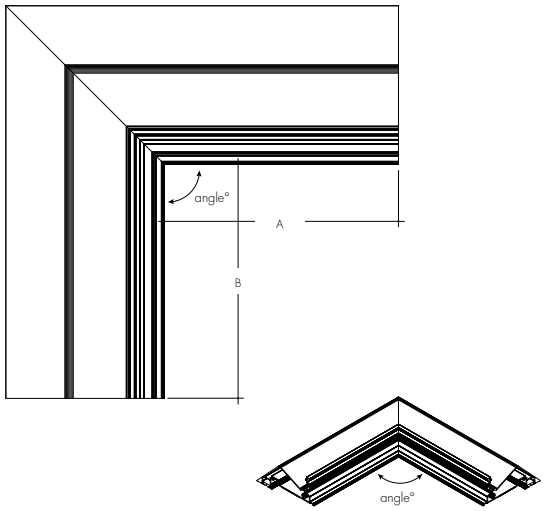
1 - Custom lengths and increments are available, please consult Inside Sales with specific request.
2 - All High Efficacy options can be used to comply with Title 24 JA8. High Color Quality options can be used to comply with Title 24 JA8 compliant depending on Output, and CCT, selections, see multiplier charts to calculate specific efficacies.
3 - Cant be paired with LE - RE option

Knife Edge Corner Options

KE-IC
Inner Corner



KE-OC
Outside Corner



High Color Quality	Actual Length		Total Wattage		
Corner Type	**A**	**B**	**72SO**	**72HO**	**72VHO**
Inner (KE-IC)	11 4/16	11 4/16	5.1	8.6	11.5
Outer (KE-OC)	12 12/16	12 12/16	5.1	8.6	11.5

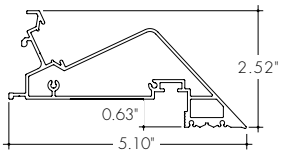
High Efficacy	Actual Length		Total Wattage				Actual Length		Total Wattage	
Corner Type	**A**	**B**	**HE48LO**	**HE48SO**	**HE48MO**	**HE48HO**	**A**	**B**	**HE64SO**	**HE64HO**
Inner (KE-IC)	12 12/16	12 12/16	3.4	4.9	6.4	13.2	13 2/16	13 2/16	14.5	18.3
Outer (KE-OC)	11 4/16	11 4/16	3.4	4.9	6.4	13.2	11 10/16	11 10/16	14.5	18.3

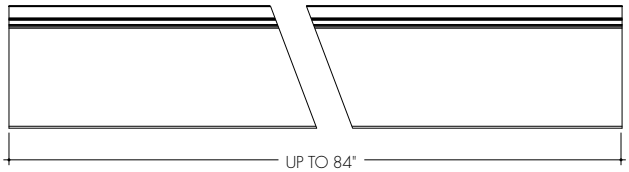
Ordering Code

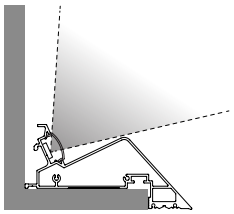
MODEL	LENGTH[1]	MODEL	OUTPUT	CCT	LEFT END	RIGHT END	POWER FEED
KE - Knife Edge	IC - Inner Corner OC - Outer Corner	90 - 90° Corner C - Custom Angle Corner[1]	72SO - Standard 72HO - High 72VHO - Very High	19K - 1900K 22K - 2200K 24K - 2400K 27K - 2700K 30K - 3000K 35K - 3500K 41K - 4100K	LE - With End Cap LN - Without End Cap LNJ - Without End Cap, with Jumper	RE - With End Cap RN - Without End Cap RNJ - Without End Cap, with Jumper	LB - Left Back RB - Right Back NPF - No Powerfeed[3]
	CR - Continuous Run	D - Drawing	HE48LO - Low HE48SO - Standard HE48MO - Medium HE48HO - High HE64VHO - Very High	22K - 2200K 25K - 2500K 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K			

1 Custom Angle Corners are available, please consult Inside Sales with specific request.
2 - 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 - Polished Gold finishes have a maximum fixture length of 48", and Chrome finishes have a maximum fixture length of 72"

Product Dimensions

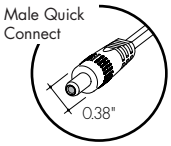




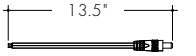


Powerfeeds and Connectors

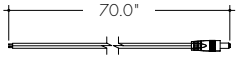
Linking and Extension Cable Options

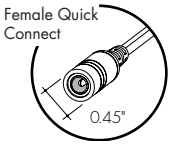


LMC-12
Male quick-connect, 2 pin, 12"

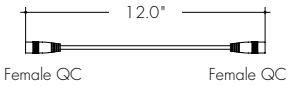


LMC-70
Male quick-connect long, 2 pin, 70"

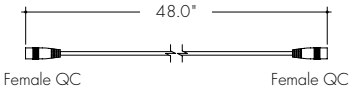




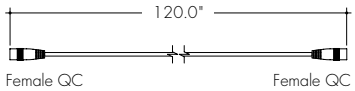
EC-12
Female to Female Extension Cable, 2 pin, 12"

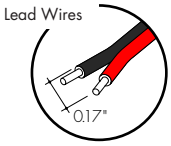


EC-48
Female to Female Extension Cable, 2 pin, 48"

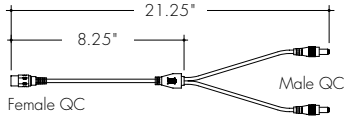


EC-120
Female to Female Extension Cable, 2 pin, 120"

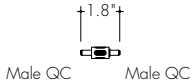




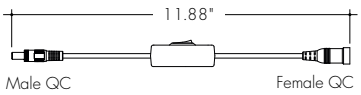
LYC
1 Female to 2 Male Splitter Cable, 2 pin, 12"

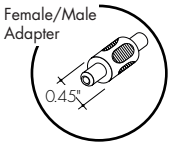


FMA
Female to male adapter

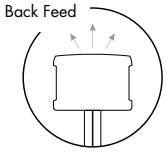


IS-DC
Male to Female Inline DC Switch, 2 pin, 12"

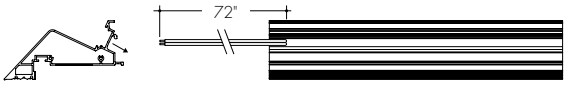




Powerfeeds Position/Type



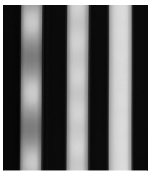
LB
Left Back



RB
Right Back

Light Transmission and Dotting

	Lens/Accessory
Output Options	**Frosted Lens**
72SO	ND
72HO	ND
72VHO	ND
HE48LO	ND
HE48SO	ND
HE48MO	ND
HE48HO	ND
HE64VHO	ND
Transmission Percentage	100%

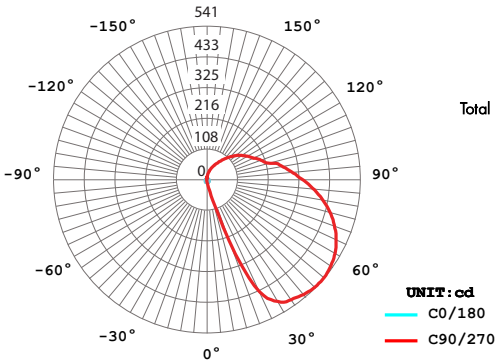


CD **SD** **ND**

CD - Clear Dotting
SD - Slight Dotting
ND - No Dotting

Photometry

KE-48-30K-LL72VHO-F
Knife Edge, 4ft, 3000K, VHO, Frosted Lens



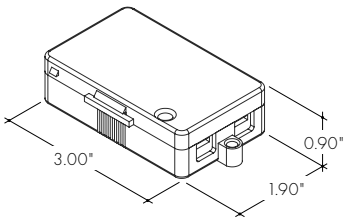
Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	61	5.2%
0-40	146	12.4%
0-60	416	35.2%
0-90	859	72.6%
Total 0-180	1183	100%

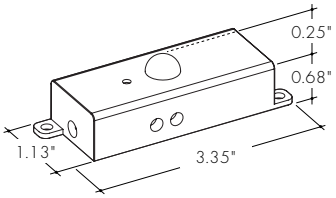
Beam Angle
88°

Accessory Options

LVSP-4T-BK
Low Voltage, 4 Terminal Splice Box, Black

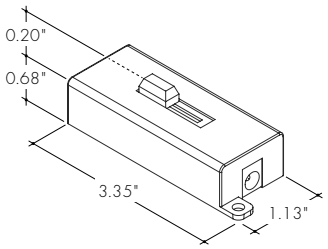


OS-DC-F4-BK
Occupancy Sensor



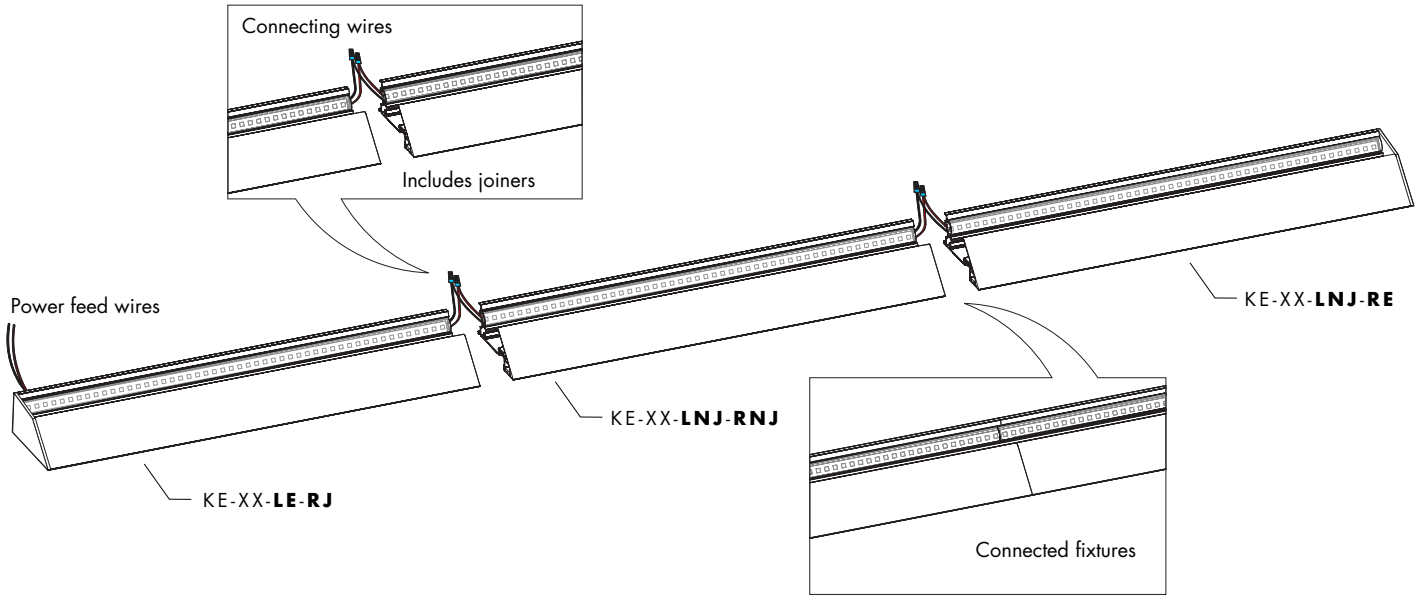
Male Quick Connect, FMA, LMC, LYC, or IS-DC are required for input and output.

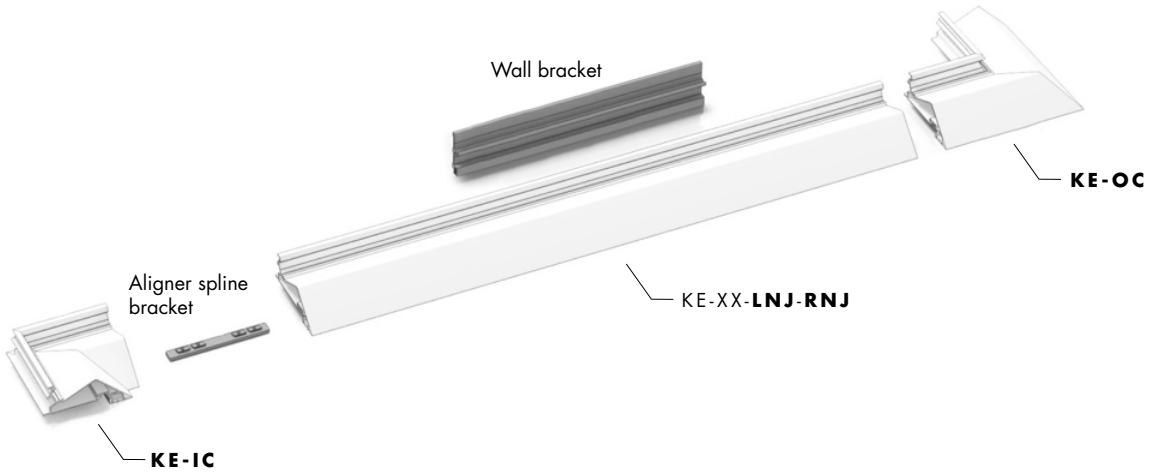
DIM-DC-F4-BK
24VDC Low Voltage In-line Dimmer Module



Male Quick Connect, FMA, LMC, LYC, or IS-DC are required for input and output.

Layout Example





Power Consumption

Tested at Full Power with PDCU 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 contact factory with specific request.

High Color Quality (72)

Nominal Length (in)	Side and End Feed Actual Length*	Watts			Nominal Length (in)	Side and End Feed Actual Length*	Watts			Nominal Length (in)	Side and End Feed Actual Length*	Watts		
		SO	HO	VHO			SO	HO	VHO			SO	HO	VHO
12	11 6/16	2.7	4.4	6.2	**47**	46 1/16	10.2	17.1	22.6	**82**	82	18.3	29.5	38.4
13	12 8/16	2.7	4.4	6.2	**48**	47 4/16	10.5	17.4	23.1	**83**	–	–	–	–
14	13 11/16	2.9	4.8	6.7	**49**	48 6/16	10.7	17.8	23.5	**84**	83 2/16	18.5	29.8	38.8
15	14 13/16	3.1	5.2	7.3	**50**	49 9/16	11.1	18.6	24.4					
16	16	3.4	5.6	7.8	**51**	50 11/16	11.4	18.9	24.9					
17	–	–	–	–	**52**	51 14/16	11.6	19.3	25.3					
18	17 2/16	3.6	6.0	8.3	**53**	–	–	–	–					
19	18 5/16	3.9	6.5	8.9	**54**	53 1/16	11.9	19.7	25.7					
20	19 7/16	4.4	7.3	9.9	**55**	54 3/16	12.1	20.1	26.1					
21	20 10/16	4.6	7.7	10.5	**56**	55 6/16	12.3	20.5	26.6					
22	21 12/16	4.8	8.1	11.0	**57**	56 8/16	12.8	21.3	27.4					
23	22 15/16	5.1	8.6	11.5	**58**	57 11/16	13.1	21.6	27.8					
24	–	–	–	–	**59**	58 13/16	13.3	22.0	28.3					
25	24 1/16	5.3	9.0	12.1	**60**	60	13.6	22.4	28.7					
26	25 4/16	5.6	9.4	12.6	**61**	–	–	–	–					
27	26 6/16	5.8	9.8	13.1	**62**	61 2/16	13.8	22.8	29.1					
28	27 9/16	6.2	10.5	14.1	**63**	62 5/16	14.0	23.1	29.6					
29	28 11/16	6.5	10.9	14.5	**64**	63 7/16	14.5	23.8	30.5					
30	29 14/16	6.7	11.2	15.0	**65**	64 10/16	14.7	24.1	31.0					
31	–	–	–	–	**66**	65 12/16	14.9	24.4	31.4					
32	31 1/16	6.9	11.6	15.5	**67**	66 15/16	15.1	24.7	31.9					
33	32 3/16	7.1	12.0	16.0	**68**	–	–	–	–					
34	33 6/16	7.3	12.3	16.5	**69**	68 1/16	15.3	25.0	32.4					
35	34 8/16	7.8	13.1	17.4	**70**	69 4/16	15.5	25.4	32.8					
36	35 11/16	8.0	13.4	17.9	**71**	70 6/16	15.8	25.7	33.3					
37	36 13/16	8.2	13.8	18.4	**72**	71 9/16	16.2	26.3	34.2					
38	38	8.4	14.2	18.9	**73**	72 11/16	16.4	26.6	34.7					
39	–	–	–	–	**74**	73 14/16	16.6	26.9	35.1					
40	39 2/16	8.7	14.5	19.3	**75**	–	–	–	–					
41	40 5/16	8.9	14.9	19.8	**76**	75 1/16	16.8	27.3	35.5					
42	41 7/16	9.3	15.6	20.7	**77**	76 3/16	17.1	27.6	35.9					
43	42 10/16	9.6	16.0	21.2	**78**	77 6/16	17.3	27.9	36.3					
44	43 12/16	9.8	16.4	21.7	**79**	78 8/16	17.7	28.5	37.2					
45	44 15/16	10.0	16.7	22.1	**80**	79 11/16	17.9	28.9	37.6					
46	–	–	–	–	**81**	80 13/16	18.1	29.2	38.0					

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 Length (in)	Actual Length	Watts				Nominal Length (in)	Actual Length	Watts				Nominal Length (in)	Actual Length	Watts			
		LO	SO	MO	HO			LO	SO	MO	HO			LO	SO	MO	HO
12	10 12/16	1.7	2.5	3.5	5.7	**47**	46 3/16	6.9	10.7	13.3	24.7	**82**	81 10/16	12.5	19.9	23.9	42.2
13	12 12/16	1.7	2.5	3.5	5.7	**48**	–	–	–	–	–	**83**	–	–	–	–	–
14	–	–	–	–	–	**49**	48 3/16	7.1	11.2	13.9	25.4	**84**	83 10/16	12.8	20.3	24.5	43.1
15	14 11/16	2.0	3.0	4.0	7.2	**50**	–	–	–	–	–						
16	–	–	–	–	–	**51**	50 2/16	7.4	11.7	14.5	26.3						
17	16 11/16	2.4	3.5	4.6	8.7	**52**	–	–	–	–	–						
18	–	–	–	–	–	**53**	52 2/16	7.7	12.3	15.1	27.4						
19	18 10/16	2.7	3.9	5.2	10.2	**54**	–	–	–	–	–						
20	–	–	–	–	–	**55**	54 1/16	8.0	12.9	15.7	28.5						
21	20 10/16	3.0	4.4	5.8	11.7	**56**	–	–	–	–	–						
22	–	–	–	–	–	**57**	56 1/16	8.4	13.5	16.4	29.5						
23	22 9/16	3.4	4.9	6.4	13.2	**58**	–	–	–	–	–						
24	–	–	–	–	–	**59**	58	8.7	14.0	17.0	30.6						
25	24 9/16	3.7	5.4	7.0	14.7	**60**	60	9.0	14.6	17.6	31.6						
26	–	–	–	–	–	**61**	–	–	–	–	–						
27	26 8/16	4.1	5.9	7.5	15.8	**62**	61 15/16	9.4	15.2	18.2	32.6						
28	–	–	–	–	–	**63**	–	–	–	–	–						
29	28 8/16	4.4	6.4	8.1	16.8	**64**	63 15/16	9.7	15.6	18.7	33.7						
30	–	–	–	–	–	**65**	–	–	–	–	–						
31	30 7/16	4.8	6.9	8.7	17.9	**66**	65 14/16	10.0	16.1	19.2	34.7						
32	–	–	–	–	–	**67**	–	–	–	–	–						
33	32 7/16	5.0	7.2	9.0	18.5	**68**	67 14/16	10.4	16.5	19.8	35.7						
34	–	–	–	–	–	**69**	–	–	–	–	–						
35	34 6/16	5.4	7.7	9.6	19.5	**70**	69 13/16	10.7	17.0	20.3	36.7						
36	–	–	–	–	–	**71**	–	–	–	–	–						
37	36 6/16	5.7	8.2	10.2	20.6	**72**	71 13/16	11.0	17.4	20.8	37.7						
38	–	–	–	–	–	**73**	–	–	–	–	–						
39	38 5/16	6.0	8.7	10.8	21.5	**74**	73 12/16	11.3	17.9	21.4	38.7						
40	–	–	–	–	–	**75**	–	–	–	–	–						
41	40 5/16	6.2	9.2	11.4	22.3	**76**	75 12/16	11.6	18.4	22.0	39.6						
42	–	–	–	–	–	**77**	–	–	–	–	–						
43	42 4/16	6.4	9.7	12.0	23.1	**78**	77 11/16	11.9	18.9	22.7	40.5						
44	–	–	–	–	–	**79**	–	–	–	–	–						
45	44 4/16	6.7	10.2	12.6	23.9	**80**	79 11/16	12.2	19.4	23.3	41.4						
46	–	–	–	–	–	**81**	–	–	–	–	–						

Power Consumption

Tested at Full Power with PDCU 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 contact factory with specific request.

High Efficacy (HE64)

Nominal Length (in)	Side and End Feed Actual Length*	Watts VHO	Nominal Length (in)	Side and End Feed Actual Length*	Watts VHO	Nominal Length (in)	Side and End Feed Actual Length*	Watts VHO
12	11 8/16	7.6	**47**	46 6/16	28.2	**82**	81 3/16	50.4
13	–	–	**48**	47 14/16	29.5	**83**	82 11/16	51.7
14	13 1/16	7.6	**49**	–	–	**84**	–	–
15	14 9/16	8.9	**50**	49 6/16	30.1			
16	–	–	**51**	50 14/16	31.4			
17	16 1/16	9.5	**52**	–	–			
18	17 9/16	10.7	**53**	52 7/16	32.0			
19	–	–	**54**	53 15/16	33.3			
20	19 2/16	11.4	**55**	–	–			
21	20 10/16	12.6	**56**	55 7/16	34.0			
22	–	–	**57**	56 15/16	35.2			
23	22 2/16	13.2	**58**	–	–			
24	23 10/16	14.5	**59**	58 7/16	36.5			
25	–	–	**60**	60	37.2			
26	25 2/16	15.1	**61**	–	–			
27	26 11/16	16.4	**62**	61 8/16	38.4			
28	–	–	**63**	–	–			
29	28 3/16	17.0	**64**	63	39.1			
30	29 11/16	18.2	**65**	64 8/16	40.4			
31	–	–	**66**	–	–			
32	31 3/16	18.9	**67**	66 1/16	41.0			
33	32 12/16	20.1	**68**	67 9/16	42.3			
34	–	–	**69**	–	–			
35	34 4/16	20.7	**70**	69 1/16	42.9			
36	35 12/16	22.0	**71**	70 9/16	44.2			
37	–	–	**72**	–	–			
38	37 4/16	22.6	**73**	72 2/16	44.9			
39	38 12/16	23.9	**74**	73 10/16	46.1			
40	–	–	**75**	–	–			
41	40 5/16	24.5	**76**	75 2/16	46.7			
42	41 13/16	25.7	**77**	76 10/16	48.0			
43	–	–	**78**	–	–			
44	43 5/16	26.4	**79**	78 2/16	48.6			
45	44 13/16	27.6	**80**	79 11/16	49.8			
46	–	–	**81**	–	–			

Voltage Drop Calculator

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

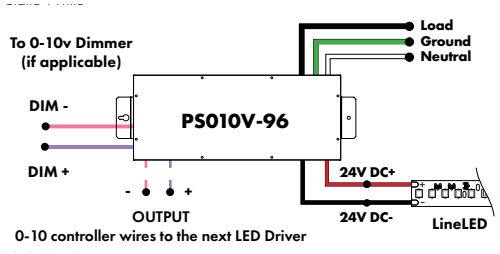
Wattage [W]	Maximum Wire Length From Power Supply to Start of Run [ft]						
	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG	24 AWG
5	1088.2	684.4	430.3	270.6	170.2	107.1	67.3
10	544.1	342.2	215.1	135.3	85.1	53.5	33.7
15	362.7	228.1	143.4	90.2	56.7	35.7	22.4
20	272.0	171.1	107.6	67.7	42.6	26.8	16.8
25	217.6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

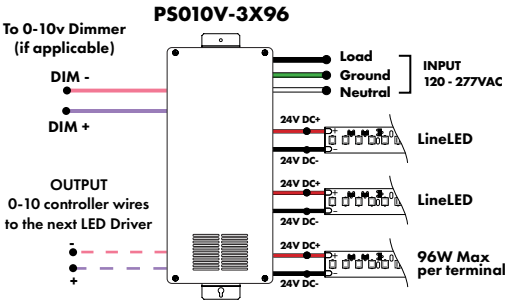
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

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

MODEL		POWER		OUTPUT		DIMMING
	-		-		-	
PS010V - 0-10V Power Supply dims down to 0.1%		96 - 96 Watt 3X96 - 3 X 96 Watt		24 - 24 VDC		LIN - Linear LOG - Logarithmic



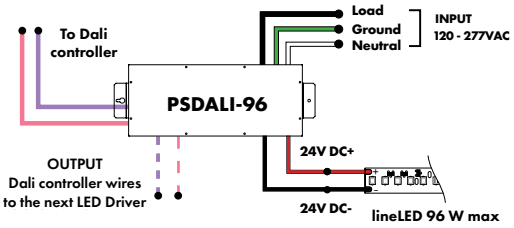
MODELS	96W	3X96
Length	14.40"	13.00"
Width	5.20"	6.62"
Depth	2.60"	4.20"



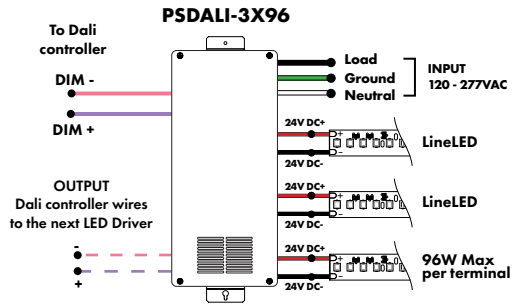
DALI 0% Dimming Power Supplies 120VAC - 277VAC

MODEL		POWER		OUTPUT
	-		-	
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



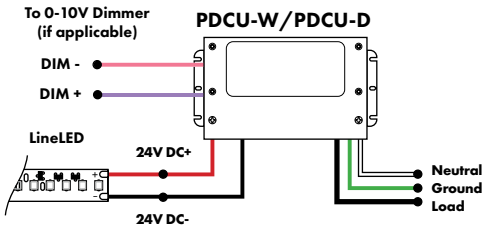
Model	96W	3X96
Length	14.40"	13.00"
Width	5.20"	6.62"
Depth	2.60"	4.20"



Universal Power Supply 1% 120VAC - 277VAC

MODEL		POWER		OUTPUT
	-		-	
PDCU-D - IP20 Dry Series		30 - 30 W 60 - 60 W 96 - 96 W 3X96 - 3X96 W		24 - 24 VDC
PDCU-W - IP66 Wet Series		96 - 96 W 3X96 - 3X96 W		

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



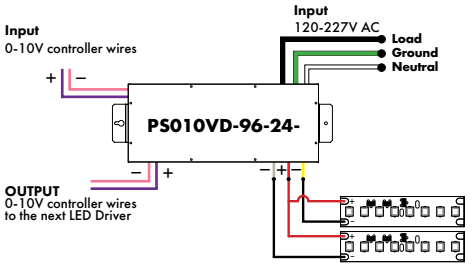
MODEL	PDCU-W-96W	PDCU-W-3X96W	PDCU-D-30W	PDCU-D-60W	PDCU-D-96W	PDCU-D-3X96W
Length	8.66"	11.85"	6.10"	7.93"	8.25"	9.57"
Width	3.73"	4.32"	3.35"	3.35"	4.10"	5.94"
Depth	1.61"	1.81"	1.33	1.32"	1.56"	1.13"

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.

Customizable Dim to Warm or Variable White via 0 - 10V
(for tunable white or warm dimming control of Dynamic option)

MODEL	POWER	OUTPUT	CONTROL
PS010VD - 0-10V Vintage Dim LED Driver	96 - 96 Watt	24 - 24 VDC	W2I - Standard dimming for both tapes

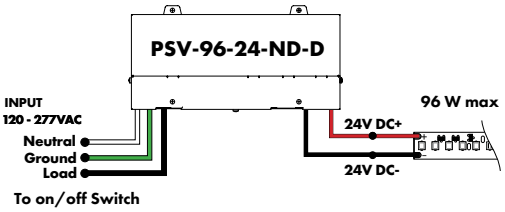


*Zonal control power supplies

MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"

Non-Dimming Power Supply 120VAC - 277VAC

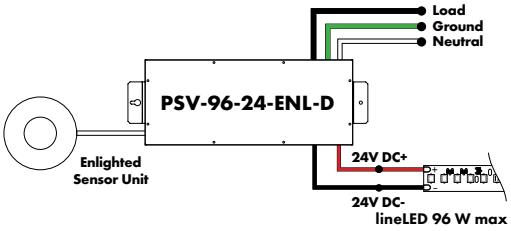
MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV - PSV Series	96 - 96 Watt	24 - 24 VDC	ND - Non Dimming	D - Damp



MODELS	96W
Length	8.25"
Width	3.75"
Depth	1.63"

Enlighted Enabled Dimming Power Supplies 120VAC - 277VAC

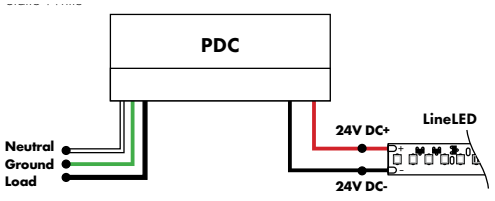
MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV - PSV Series	96 - 96 Watt	24 - 24 VDC	ENL - Enlighted Dimming dims down to 0%	D - Damp



Model	96W
Length	14.40"
Width	5.20"
Depth	2.60"

Triac, MLV, ELV Compatible Dimmers

MODEL	POWER	OUTPUT
PDC - (IP20) Power Supply	96 - 96 Watts	24 - 24 VDC



MODELS	96W
Length	8.25"
Width	4.10"
Depth	1.56"

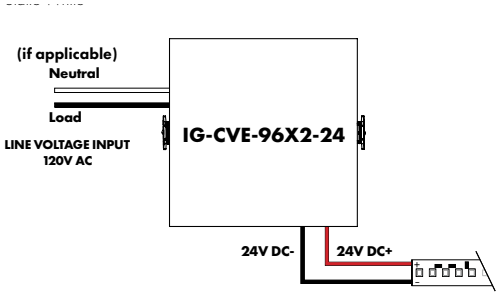
Power Supplies

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.

In-Ground Power Supplies

MODEL		POWER	OUTPUT	INPUT
IG - In ground CVE Series	CVE - ELV Dimming DALI - eldoLED Dali dimming Both dims down to 0%	96X2 - 2 X 96 Watt	24 - 24 VDC	Blank - 120 V 277 - 240/277 V

MODEL	Dual Circuit
Length	8.40"
Width	8.30"
Depth	8.10"



LUTRON®

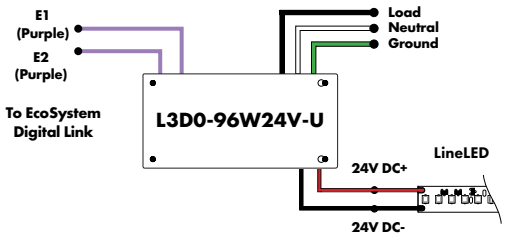
Luminii is a Lutron OEM Advantage Partner

Lutron Power Supplies 0.1%

MODEL
L3D0-96W24V-U

Hi-lume™ 0.1% EcoSystem Voltage LED Driver with Soft-On, Fade-to-Black™ 96W max

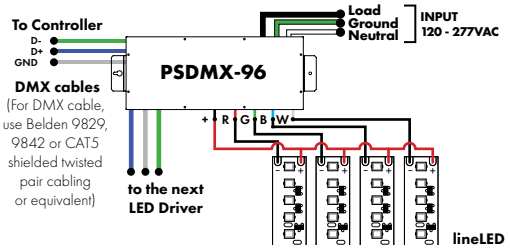
MODELS	L3D0
Length	10.50"
Width	5.50"
Depth	2.00"



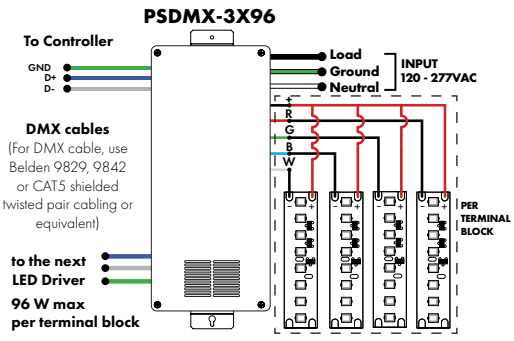
DMX Dimming Power Supplies 120VAC - 277VAC

MODEL		POWER	OUTPUT
PSDMX - DMX Power Supply dims down to 0%	Features eldoLED's LINEARdrive configurable dimmable drivers	96 - 96 Watt 3X96 - 3 X 96 Watt	24 - 24 VDC

*Zonal control power supplies. Control multiple tapes/zones using DMX channels.



MODEL	96W	3X96
Length	14.40"	13.00"
Width	5.20"	6.60"
Depth	2.60"	4.20"



Decoders

MODEL

DDMX-5CH-RDM-PRO

DDMX-5CH-RDM-PRO - DMX512 Decoder

DMX512 decoder with RDM functionality features 5 PWM output channels with common anode. High PWM output frequency range allows the product to be used in HD video conferencing spaces.
All DMX products to be installed per DMX512 Standard.

Power
96 Watt

Inputs
RJ45, XLR-5Pin, Terminal Block

DMX Channels
1 to 5 settable

PWM Output Resolution Ratio
8 or 16 bit

PWM Output Frequency
500Hz - 30KHz

Output Dimming Curve Gamma Value
0.1 ~ 9.9

MODEL

DDMX-RGBW

DDMX-RGBW - DMX512 Decoder

Translates controller DMX512 programs for RGB and white LED strips.

Unique DMX address for the decoder can be set easily and displayed by the numeric display on the case. Changing and resetting the DMX address requires manual input.

Use power repeater to expand output (Luminii part# RGBW-SR).

Operating Voltage
12-36 VDC

Power Capacity
up to 96W at 24V

Operating Temperature Range
from -4°F to +122°F in case

PWM Output Frequency
200Hz or 1500Hz

MODEL

RGBW-RC-R

RGBW-RC-R - RGBW receiver

The RGBW receiver is easily paired with controller by the click of a button. Receiver can be reset to factory settings at any time.

Each receiver can store one static RGB color, one color sequence, and one brightness setting for the white LED strip. Receivers assigned to the same scene within the same zone will have the same LED static color and color sequence.

Operating Voltage
12-36 VDC

Power Capacity
up to 96W at 24V

Operating Temperature Range
from -4°F to +122°F in case

Decoders

MODEL

RGBW-SR

RGBW-SR - RGBW signal repeater

Extends identical signal when connected in series to an RGBW LED control system. The RGBW signal repeater works with Luminii RGB and RGBW controllers, receivers, and decoders.

RGBW signal can be extended indefinitely when adequate power supply (not included) is connected to the system.

Operating Voltage
12-36 VDC

Power Capacity
up to 96W at 24V

Operating Temperature Range
from -4°F to +122°F in case

MODEL

RGBW-WI-R

RGBW-WI-R - WIFI generator

RGBW-WI-R creates a local network that enables any electronic device (phone, tablet, etc.) to control the RGB/W strip connected to a RGBW-RC-R receiver.

The control functions are achieved through a free application download for Android and iOS devices called REALCOLOR.

Operating Voltage
12-36 VDC

Power Supply
PI-130-24 (included)

Operating Temperature Range
from -4°F to +122°F in case

MODEL

TSDMX-E

TSDMX-E - Touchscreen DMX controller

Programmable advanced DMX512 lighting controller featuring a touch-screen interface. Operates as stand alone controller or integrated with most architectural lighting control systems. Can controller endless DMX512 enabled devices.

Mounts to standard single or dual gang wall box with the included power supply inside the junction box. Terminal block design for power and data connections.

Features

- Sleek glass design which sits 0.43" from the wall
- Graphical color display to show selected environment
- Color/dimmer/speed palette
- Color temperature mixing
- Touch sensitive buttons. No mechanical parts
- Touch sensitive wheel allows for accurate color selection
- Multi-zone microSD memory
- Multi-room control with 500 scenes, 10 zones
- 1024 DMX channels. Control 340 RGB fixtures
- USB & Ethernet connectivity for programming and control

Power Supply

7 VDC (included)

Programmability

PC, Mac, Tablet, Smartphone

Output Signal

DMX512 (1024 channels)

Color Parameters

- Brightness
- Saturation
- Speed of color changing sequence
- Fading / dimming / brightness