Linii - Dynamic Color | Linear Illumination System

luminii

Features

- 24VDC Class 2 fixtures made to order up to 144". Fixtures can be linked up to 32' depending on output
- Available with plenum rated wire leads or with integral junction box for splice connection.
- Approved for closet/storage space installation per NEC 410.16(A)(3) and 410.16(C)(5)
- Class 2 listed for damp locations
- Dot free even illumination
- Proprietary strong bond solder method handles up to 50 lbs of pull force on wire leads and connectors.

- WD68 Warm Dim follows the incandescent dimming curve and is compatible with MLV, ELV, and Incandescent dimmers.
- DW68 Dynamic White allows individual control of CCT and output
- RGB options offer balanced output across the color gamut and a true white with RGBW
- 5 Year warranty

Gypsum Drywall Surface (Mud In)

Gypsum Drywall Surface (Mud In) to Hard Surface

Warm Dimming Dynamic White

RGB RGBW

0.55" 4.4"
Gypsum Drywall Surface 0.90"

0.55" 3.1"
Gypsum Drywall Surface 0.90" Hard Surface (stone, wood, etc.)

MADE IN U.S.A CE Single Bin +/- 30 CCT
RoHS
c UL us LISTED TITLE 24 JA8 COMPLIANT DIM
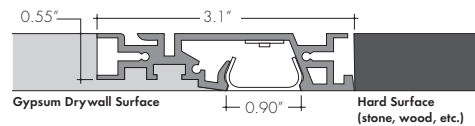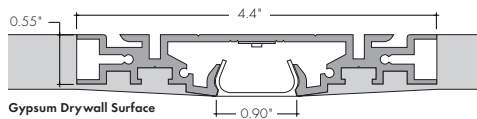
Technical Information

TYPE	Warm Dim	Dynamic White		RGBW		RGB		Pixel	
OUTPUT OPTIONS	WD68SO (19K–27K)	DW68SO (27K–65K)	DW68HO (27K–65K)	RGBW36SO	RGBW36HO	RGB42SO	RGB42HO	RGBWX18SO	RGBX18SO
Lumens Output (all channels full on) (with a Frosted Lens)	195 lm/ft	237 lm/ft	285 lm/ft	119 lm/ft	197 lm/ft	118 lm/ft	173 lm/ft	144 lm/ft	95 lm/ft
Average Power Consumption (for a 4' section)	5.4 W/ft	4.6 W/ft	5.6 W/ft	4 W/ft	7.6 W/ft	4.5 W/ft	8.3 W/ft	5.7 W/ft	4.5 W/ft
Efficacy	36 lm/W	52 lm/W	51 lm/W	30 lm/W	26 lm/W	26 lm/W	21 lm/W	25 lm/W	21 lm/W
Max Run Length (in series)	20 ft	32 ft	32 ft	26 ft	13 ft	28 ft	13 ft	20 ft	30 ft
Max Ambient Temperature*	50°C [122°F]	50°C [122°F]		50°C [122°F]				50°C [122°F]	
Control/Dimming Protocol	MLV, ELV, Inc.	0–10V, DMX		DMX				SPI Protocol UCS 2904	SPI Protocol UCS 2903

*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.

Warm Dim (WD68)

CCT	TM-30			
	CRI	R_f	R_g	R_9
1900K	96	92	96	94
2400K	97	96	103	98
2700K	96	93	106	95

Dynamic White (DW68)

CCT	TM-30			
	CRI	R_f	R_g	R_9
2700K	98	96	101	91
2900K	98	96	102	94
3500K	97	94	105	97
4100K	95	91	104	79
4400K	97	91	101	97
6500K	92	88	97	64

RGBW (3000K)

Tape	TM-30			
	CRI	R_f	R_g	R_9
RGBW36	95	93	106	84
RGBWX18	93	91	99	64

DW68

CCT	Multiplier
27K - 65K	1.00
19K - 35K	0.78

Dominant Wavelength

Color	RGB/RGBW
Red	620nm
Green	525nm
Blue	467nm

Ordering Code

MODEL	LENGTH[1]	OUTPUT[2]	CCT	LENS	MOUNTING	LEFT END	RIGHT END	POWER FEED
LIN - Linii	12"–144" 3" increments	WD68SO - Standard	19K27K - 1900K - 2700K	F - Frosted Lens FS - Frosted Silicone Lens N - No Lens	GDS - Gypsum Drywall DHS - Surface Drywall to Hard Surface	LE - With End Cap LN - Without End Cap	RE - With End Cap RN - Without End Cap, with Quick Connect	P1 - Plenum Rated (72" wire leads) JB - Junction Box NPF - No Powerfeed[3]
	12"–144" 3" increments	DW68SO - Standard DW68HO - High	19K35K - 1900K - 3500K 27K65K - 2700K - 6500K					
	12"–144" 2" increments	RGBW36SO - Standard RGBW36HO - High RGB42SO - Standard RGB42HO - High	CLR - Color					
	12"–144" 4" increments	RGBWX18SO - Standard RGBX18SO - Standard	PXSPI - Smart Pixel Control					

1 - Custom lengths and increments are available, please consult Inside Sales with specific request.
2 - Warm Dim and Dynamic White options can be used to comply with Title 24 JA8 at max brightness depending on Lens selection, see multiplier charts to calculate specific efficacy.
3 - Cant be paired with LE - RE option

Linii Corner Options

LIN-IC
Inner Corner

LIN-FC
Flat Corner

LIN-OC
Outside Corner
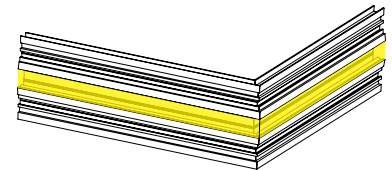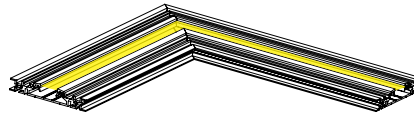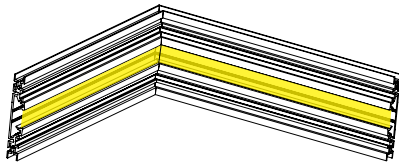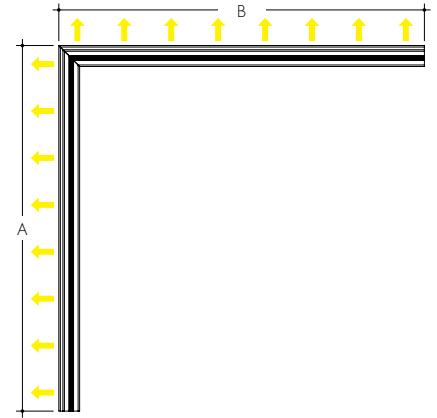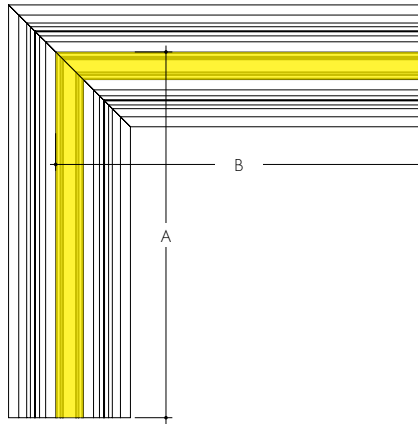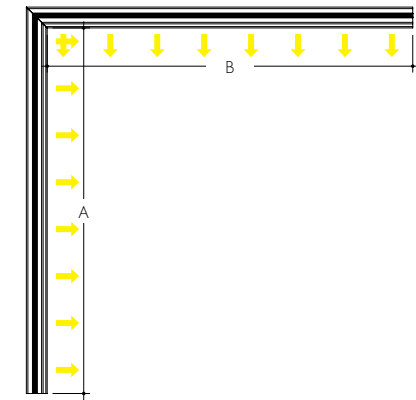
Dynamic White	Actual Length		Total Wattage		Warm Dimming	Actual Length		Total Wattage
Corner Type	**A**	**B**	**DW68SO**	**DW68HO**	**Corner Type**	**A**	**B**	**WD68SO**
Flat (LIN-FC)	10 1/16	10 12/16	8.7	10.8	Flat (LIN-FC)	10 1/16	10 12/16	10.2
Outer (LIN-OC)	10 9/16	10 9/16	8.7	10.8	Outer (LIN-OC)	10 9/16	10 9/16	10.2
Inner (LIN-IC)	9 6/16	9 6/16	8.7	10.8	Inner (LIN-IC)	9 6/16	9 6/16	10.2

RGB/RGBW/PIXEL			Total Wattage				Actual Length		Total Wattage	
Corner Type	**A**	**B**	**RGBW36SO**	**RGBW36HO**	**RGB42SO**	**RGB42HO**	**A**	**B**	**RGBX18SO**	**RGBWX18SO**
Flat (LIN-FC)	12	12 11/16	6.7	13.3	8.2	15.2	12	12 11/16	9.4	7.6
Outer (LIN-OC)	12 9/16	12 9/16	6.7	13.3	8.2	15.2	12 9/16	12 9/16	9.4	7.6
Inner (LIN-IC)	11 6/16	11 6/16	6.7	13.3	8.2	15.2	11 6/16	11 6/16	9.4	7.6

Ordering Code

MODEL	CORNER TYPE	ANGLE	OUTPUT[2]	CCT	LENS	MOUNTING	LEFT END	RIGHT END	POWER FEED

|									
LIN - Linii	**IC** - Inner Corner **OC** - Outer Corner **FC** - Flat Corner	**90** - 90° Corner **C** - Custom Angle Corner[1]	**WD68SO** - Standard	**19K27K** - 1900K - 2700K	**F** - Frosted Lens **FS** - Frosted Silicone Lens **N** - No Lens	**GDS** - Gypsum Drywall Surface **DHS** - Drywall to Hard Surface	**LE** - With End Cap **LN** - Without End Cap, with Quick Connect	**RE** - With End Cap **RN** - Without End Cap, with Quick Connect	**P1** - Plenum Rated (72" wire leads) **JB** - Junction Box **NPF** - No Powerfeed[3]
			DW68SO - Standard **DW68HO** - High	**19K35K** - 1900K - 3500K **27K65K** - 2700K - 6500K					
			RGBW36SO - Standard **RGBW36HO** - High **RGB42SO** - Standard **RGB42HO** - High	**CLR** - Color					
			RGBWX18SO - Standard **RGBX18SO** - Standard	**PXSPI** - Smart Pixel Control					

1 - Custom lengths and increments are available, please consult Inside Sales with specific request.
2 - Warm Dim and Dynamic White options can be used to comply with Title 24 JA8 at max brightness depending on Lens selection, see multiplier charts to calculate specific efficacy.

3 - Continuous Lens may be ordered separately for multi-fixture runs to create an even, seamless appearance.
4 - Non SA finishes have extended lead times. Custom RALs are available, please consult Inside Sales for specific request.
5 - Polished Gold finishes have a maximum fixture length of 48", and Chrome finishes have a maximum fixture length of 72".

Product Dimensions

Linii GDS - Gypsum Drywall Surface
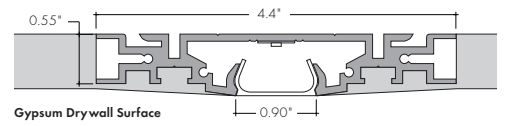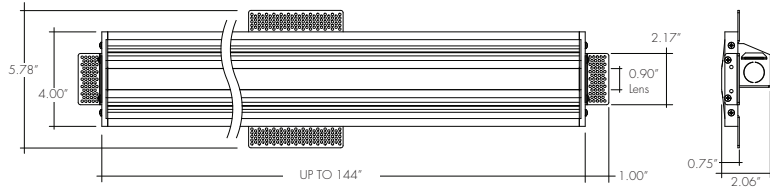
Linii DHS - Gypsum Drywall Surface to Hard Surface
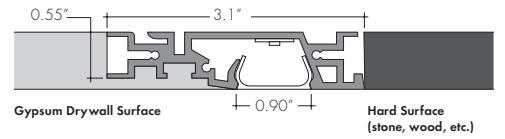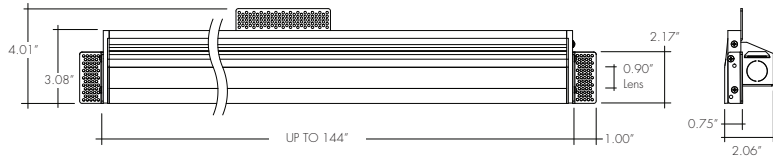
Powerfeeds and Connectors

Linking and Extension Cable Options
Jumpers, Adapters, and Lead Wires are included

For use with Warm Dim (WD68):

Quick Connect with Female/Male Adapter — 0.39"

Quick Connect

Female/Male Adapter — 0.32"

Lead Wires — 0.14"
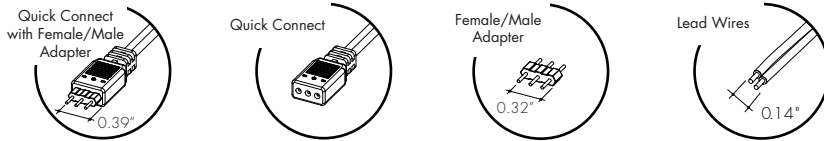
For use with Dynamic White (DW68), RGB Pixel (RGBX18) and RGBW Pixel (RGBWX18):

Quick Connect with Female/Male Adapter — 0.39"

Quick Connect

Female/Male Adapter — 0.32"

Lead Wires — 0.23"

For use with RGB (RGB42):

Quick Connect with Female/Male Adapter — 0.39"

Quick Connect

Female/Male Adapter — 0.39"

Lead Wires — 0.29"

For use with RGBW (RGBW36):

Quick Connect with Female/Male Adapter — 0.51"

Quick Connect

Female/Male Adapter — 0.51"

Lead Wires — 0.32"
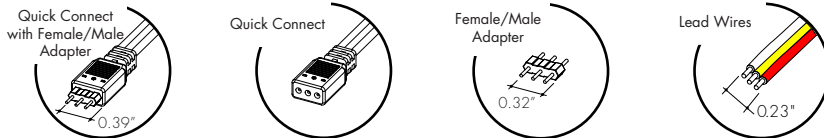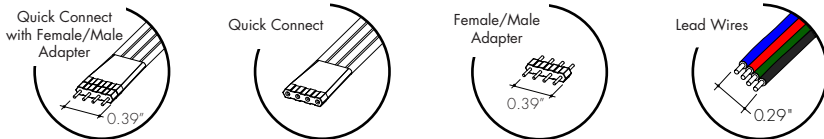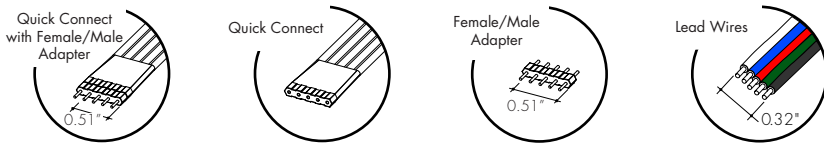
Powerfeed options for Straight Fixtures

LIN-XX-JB

One integrated junction box centered on Straight fixture

LIN-XX-P1

Wire leads, plenum rated CL3R cable on Straight Fixture

Powerfeed options for Corner Fixtures

LIN-IC-XX-JB

One integrated junction box centered on Inside Corner fixture
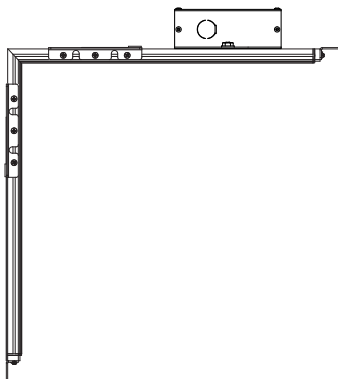
LIN-IC-XX-P1

Wire leads, plenum rated CL3R cable on Inside Corner Fixture
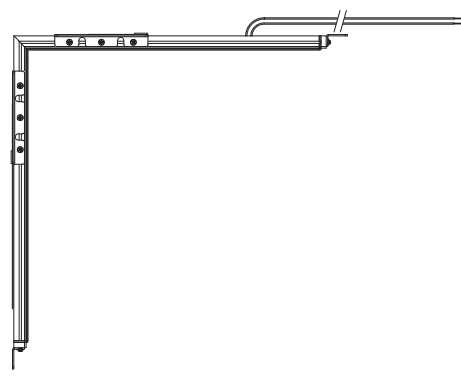
Lens Option / Light Transmission

Output Options	Lens/Accessory	
	Frosted	Frosted Silicone
WD68SO - 27K	ND	ND
WD68SO - 19K	ND	ND
DW68SO (All On)	ND	ND
DW68SO (1-Channel)	ND	ND
DW68HO (All On)	ND	ND
DW68HO (1-Channel)	ND	ND
RGBW36SO	ND	ND
RGBW36HO	ND	ND
RGB42SO	ND	ND
RGB42HO	ND	ND
RGBWX18SO	SD	SD
RGBX18SO	SD	SD
Transmission Percentage	100%	107%

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

Accessory Options

CONTINUOUS LENS (FIELD CUTTABLE)

LINC-FS - Continuous Frosted Silicone Lens

Order in 10' increments up to 160'

0.9"   up to 160'
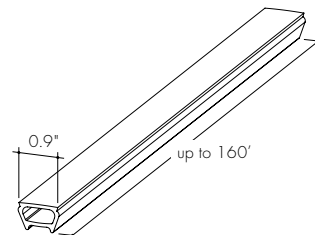
Sample Layout of Power Feed

quick connect

power feed wires

A

B

C

includes joiners

mounting bracket

endap
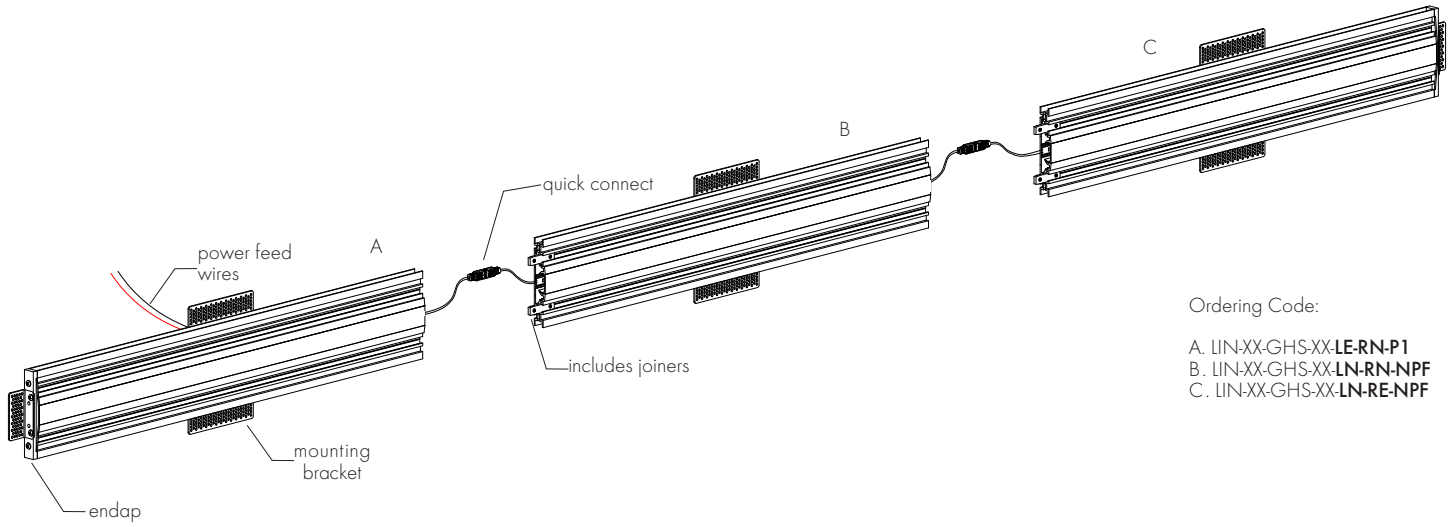
Ordering Code:

A. LIN-XX-GHS-XX-**LE-RN-P1**
B. LIN-XX-GHS-XX-**LN-RN-NPF**
C. LIN-XX-GHS-XX-**LN-RE-NPF**

mounting bracket

B

C

includes joiner

power feed wires

A

quick connect

endap
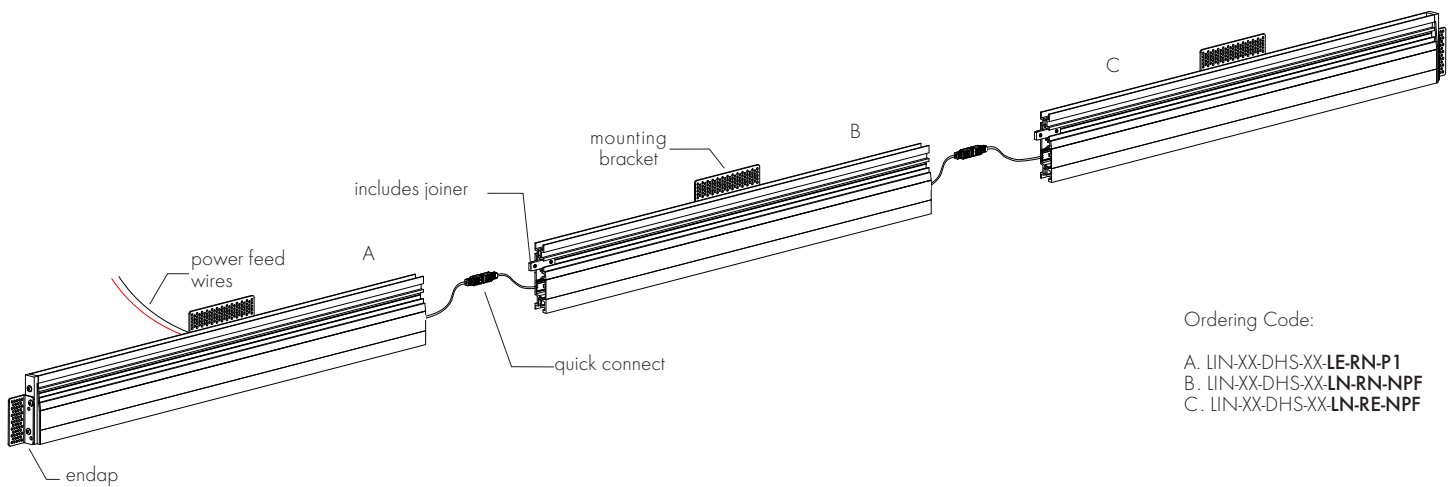
Ordering Code:

A. LIN-XX-DHS-XX-**LE-RN-P1**
B. LIN-XX-DHS-XX-**LN-RN-NPF**
C. LIN-XX-DHS-XX-**LN-RE-NPF**

Layout Example

Corner types and straight runs are are ordered individually
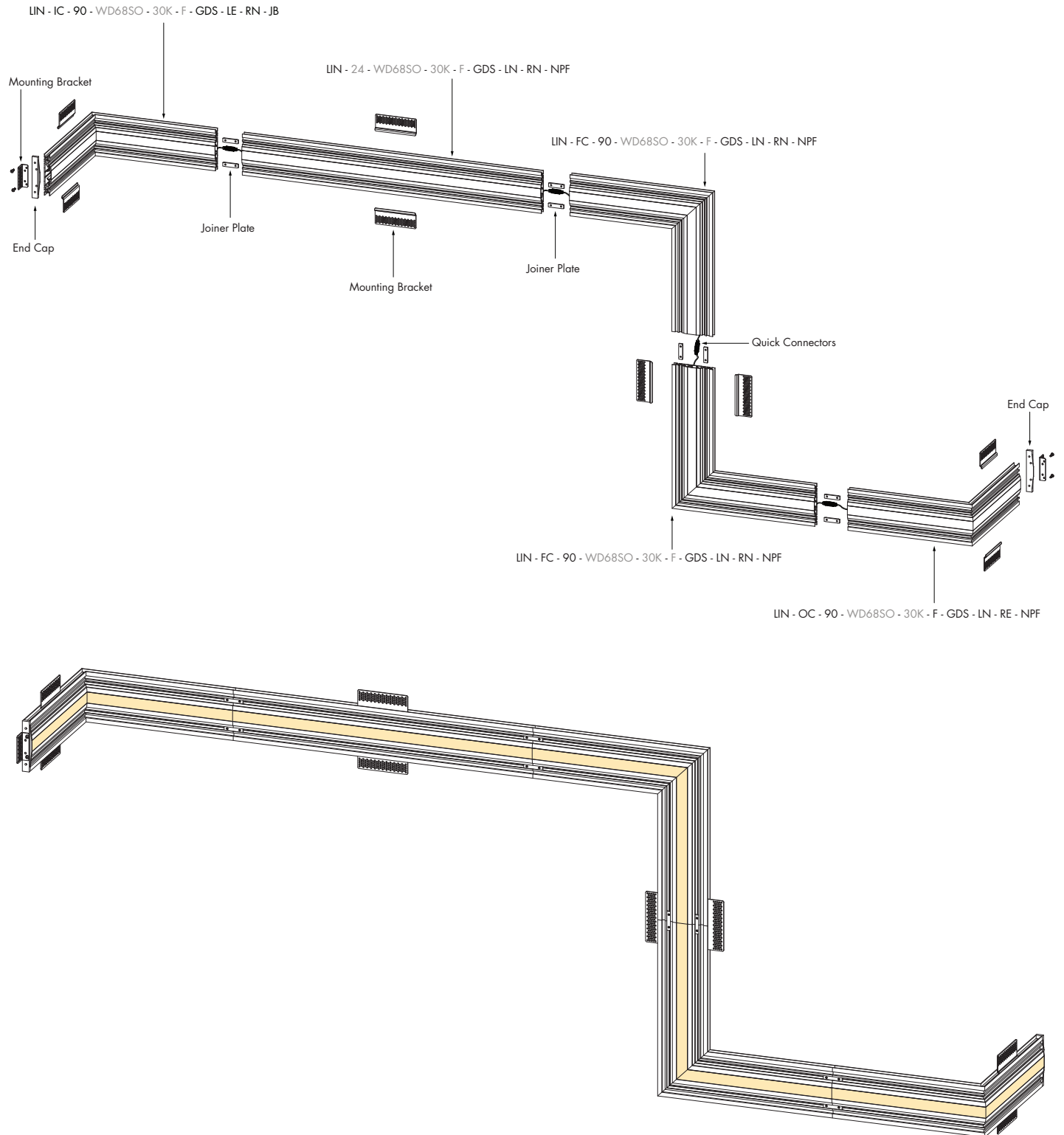
LIN - IC - 90 - WD68SO - 30K - F - GDS - LE - RN - JB

Mounting Bracket

LIN - 24 - WD68SO - 30K - F - GDS - LN - RN - NPF

End Cap

Joiner Plate

LIN - FC - 90 - WD68SO - 30K - F - GDS - LN - RN - NPF

Mounting Bracket

Joiner Plate

Quick Connectors

End Cap

LIN - FC - 90 - WD68SO - 30K - F - GDS - LN - RN - NPF

LIN - OC - 90 - WD68SO - 30K - F - GDS - LN - RE - NPF

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.

Warm Dim (WD68)

Nominal Length (in)	Actual Length	Watts	Nominal Length (in)	Actual Length	Watts	Nominal Length (in)	Actual Length	Watts	Nominal Length (in)	Actual Length	Watts
12	10 5/16	4.1	47	–	–	82	–	–	117	–	–
13	–	–	48	–	–	83	–	–	118	–	–
14	–	–	49	–	–	84	–	–	119	118 10/16	41.2
15	–	–	50	49 11/16	18.0	85	84 3/16	29.7	120	–	–
16	15 4/16	5.1	51	–	–	86	–	–	121	–	–
17	–	–	52	–	–	87	–	–	122	–	–
18	–	–	53	–	–	88	–	–	123	–	–
19	–	–	54	–	–	89	–	–	124	123 9/16	42.6
20	–	–	55	54 10/16	20.2	90	89 1/16	31.8	125	–	–
21	20 3/16	6.8	56	–	–	91	–	–	126	–	–
22	–	–	57	–	–	92	–	–	127	–	–
23	–	–	58	–	–	93	–	–	128	–	–
24	–	–	59	–	–	94	–	–	129	128 7/16	43.8
25	–	–	60	59 9/16	22.4	95	94	33.8	130	–	–
26	25 2/16	8.6	61	–	–	96	–	–	131	–	–
27	–	–	62	–	–	97	–	–	132	–	–
28	–	–	63	–	–	98	–	–	133	–	–
29	–	–	64	–	–	99	98 15/16	35.2	134	133 6/16	45.1
30	–	–	65	64 8/16	24.0	100	–	–	135	–	–
31	30	11.0	66	–	–	101	–	–	136	–	–
32	–	–	67	–	–	102	–	–	137	–	–
33	–	–	68	–	–	103	–	–	138	–	–
34	–	–	69	–	–	104	103 14/16	36.4	139	138 5/16	46.7
35	34 15/16	12.9	70	69 6/16	25.3	105	–	–	140	–	–
36	–	–	71	–	–	106	–	–	141	–	–
37	–	–	72	–	–	107	–	–	142	–	–
38	–	–	73	–	–	108	–	–	143	–	–
39	–	–	74	–	–	109	108 12/16	37.6	144	143 3/16	48.4
40	39 14/16	14.8	75	74 5/16	26.7	110	–	–			
41	–	–	76	–	–	111	–	–			
42	–	–	77	–	–	112	–	–			
43	–	–	78	–	–	113	–	–			
44	–	–	79	–	–	114	113 11/16	39.4			
45	44 13/16	16.3	80	79 4/16	28.2	115	–	–			
46	–	–	81	–	–	116	–	–			

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.

Dynamic White (DW68)

Nominal Length (in)	Actual Length	Watts	Nominal Length (in)	Actual Length	Watts	Nominal Length (in)	Actual Length	Watts	Nominal Length (in)	Actual Length	Watts
12	12	4.7	47	–	–	82	–	–	117	116 1/16	37.9
13	–	–	48	–	–	83	82 5/16	28.3	118	–	–
14	–	–	49	48 9/16	17.4	84	–	–	119	118 14/16	39.0
15	14 13/16	5.4	50	–	–	85	–	–	120	–	–
16	–	–	51	–	–	86	85 2/16	29.1	121	–	–
17	–	–	52	51 6/16	18.3	87	–	–	122	121 11/16	40.0
18	17 10/16	6.4	53	–	–	88	87 15/16	29.8	123	–	–
19	–	–	54	–	–	89	–	–	124	–	–
20	–	–	55	54 3/16	18.9	90	–	–	125	124 8/16	40.8
21	20 7/16	7.4	56	–	–	91	90 12/16	30.6	126	–	–
22	–	–	57	57	19.8	92	–	–	127	–	–
23	–	–	58	–	–	93	–	–	128	127 5/16	41.6
24	23 4/16	8.4	59	–	–	94	93 9/16	31.4	129	–	–
25	–	–	60	59 13/16	20.7	95	–	–	130	–	–
26	–	–	61	–	–	96	–	–	131	130 2/16	42.1
27	26 1/16	9.1	62	–	–	97	96 6/16	32.1	132	–	–
28	–	–	63	62 10/16	21.6	98	–	–	133	132 15/16	42.8
29	28 14/16	10.1	64	–	–	99	–	–	134	–	–
30	–	–	65	–	–	100	99 3/16	32.9	135	–	–
31	–	–	66	65 7/16	22.4	101	–	–	136	135 12/16	43.7
32	31 11/16	11.0	67	–	–	102	102	33.5	137	–	–
33	–	–	68	–	–	103	–	–	138	–	–
34	–	–	69	68 4/16	23.3	104	–	–	139	138 9/16	44.5
35	34 8/16	12.0	70	–	–	105	104 13/16	34.3	140	–	–
36	–	–	71	–	–	106	–	–	141	–	–
37	–	–	72	71 1/16	23.9	107	–	–	142	141 6/16	45.3
38	37 5/16	13.1	73	–	–	108	107 10/16	35.1	143	–	–
39	–	–	74	73 14/16	24.9	109	–	–	144	–	–
40	–	–	75	–	–	110	–	–			
41	40 2/16	13.9	76	–	–	111	110 7/16	36.1			
42	–	–	77	76 11/16	26.0	112	–	–			
43	42 15/16	15.0	78	–	–	113	–	–			
44	–	–	79	–	–	114	113 4/16	37.2			
45	–	–	80	79 8/16	27.2	115	–	–			
46	45 12/16	16.2	81	–	–	116	–	–			

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.

RGBW & RGB (RGBW36 & RGB42)

Nominal Length (in)	Actual Length	Watts				Nominal Length (in)	Actual Length	Watts				Nominal Length (in)	Actual Length	Watts				Nominal Length (in)	Actual Length	Watts			
		RGBW36		RGB42				RGBW36		RGB42				RGBW36		RGB42				RGBW36		RGB42	
		SO	HO	SO	HO			SO	HO	SO	HO			SO	HO	SO	HO			SO	HO	SO	HO
12	10 9/16	4.0	7.3	4.4	8.6	47	46	14.4	27.5	16.8	31.3	82	81 7/16	26.1	49.6	29.4	53.8	117	116 14/16	37.1	66.2	41.3	73.1
13	12 9/16	4.0	7.3	4.4	8.6	48	48	15.1	28.8	17.5	32.7	83	–	–	–	–	–	118	–	–	–	–	–
14	–	–	–	–	–	49	–	–	–	–	–	84	83 7/16	26.8	50.8	30.0	55.0	119	118 14/16	37.8	67.5	41.9	74.0
15	14 8/16	4.5	8.5	5.2	10.0	50	49 15/16	15.8	30.0	18.3	34.0	85	–	–	–	–	–	120	–	–	–	–	–
16	–	–	–	–	–	51	–	–	–	–	–	86	85 6/16	27.4	51.9	30.7	56.2	121	120 13/16	38.6	68.7	42.6	74.9
17	16 8/16	5.1	9.7	5.9	11.3	52	51 15/16	16.4	31.2	18.9	35.1	87	–	–	–	–	–	122	–	–	–	–	–
18	–	–	–	–	–	53	–	–	–	–	–	88	87 6/16	28.0	52.9	31.4	57.3	123	122 13/16	39.2	69.7	43.2	75.3
19	18 7/16	5.6	10.9	6.7	12.6	54	53 14/16	17.0	32.4	19.6	36.3	89	–	–	–	–	–	124	–	–	–	–	–
20	–	–	–	–	–	55	–	–	–	–	–	90	89 5/16	28.6	53.8	32.2	58.4	125	124 12/16	39.7	70.7	43.8	75.7
21	20 7/16	6.2	12.1	7.4	13.9	56	55 14/16	17.6	33.5	20.3	37.5	91	–	–	–	–	–	126	–	–	–	–	–
22	–	–	–	–	–	57	–	–	–	–	–	92	91 5/16	29.2	54.8	32.9	59.5	127	126 12/16	40.3	71.7	44.4	76.1
23	22 6/16	6.7	13.3	8.2	15.2	58	57 13/16	18.2	34.7	21.0	38.7	93	–	–	–	–	–	128	–	–	–	–	–
24	–	–	–	–	–	59	–	–	–	–	–	94	93 4/16	29.9	55.8	33.6	60.5	129	128 11/16	40.8	72.8	45.0	76.6
25	24 6/16	7.3	14.5	8.9	16.6	60	59 13/16	18.9	35.9	21.7	39.8	95	–	–	–	–	–	130	–	–	–	–	–
26	–	–	–	–	–	61	–	–	–	–	–	96	95 4/16	30.2	56.3	34.0	61.1	131	130 11/16	41.4	73.8	45.6	77.0
27	26 5/16	8.0	15.7	9.6	18.0	62	61 12/16	19.5	37.1	22.4	41.1	97	–	–	–	–	–	132	–	–	–	–	–
28	–	–	–	–	–	63	–	–	–	–	–	98	97 3/16	30.8	57.2	34.7	62.2	133	132 10/16	41.9	74.8	46.3	77.4
29	28 5/16	8.6	17.0	10.4	19.4	64	63 12/16	20.2	38.4	23.2	42.4	99	–	–	–	–	–	134	–	–	–	–	–
30	–	–	–	–	–	65	–	–	–	–	–	100	99 3/16	31.3	57.9	35.4	63.4	135	134 10/16	42.5	75.5	46.8	78.1
31	30 4/16	9.3	18.2	11.1	20.7	66	65 11/16	20.8	39.7	24.0	43.7	101	–	–	–	–	–	136	–	–	–	–	–
32	–	–	–	–	–	67	–	–	–	–	–	102	101 2/16	31.9	58.6	36.0	64.7	137	136 9/16	43.1	76.3	47.3	78.8
33	32 4/16	9.7	18.8	11.5	21.4	68	67 11/16	21.5	41.0	24.7	45.1	103	–	–	–	–	–	138	–	–	–	–	–
34	–	–	–	–	–	69	–	–	–	–	–	104	103 2/16	32.4	59.3	36.7	65.9	139	138 9/16	43.7	77.0	47.8	79.6
35	34 3/16	10.3	20.0	12.2	22.8	70	69 10/16	22.1	42.3	25.5	46.4	105	–	–	–	–	–	140	–	–	–	–	–
36	–	–	–	–	–	71	–	–	–	–	–	106	105 1/16	32.9	60.0	37.3	67.2	141	140 8/16	44.3	77.7	48.3	80.3
37	36 3/16	11.0	21.3	13.0	24.2	72	71 10/16	22.8	43.5	26.3	47.8	107	–	–	–	–	–	142	–	–	–	–	–
38	–	–	–	–	–	73	–	–	–	–	–	108	107 1/16	33.5	60.7	38.0	68.4	143	142 8/16	44.9	78.5	48.8	81.0
39	38 2/16	11.7	22.5	13.7	25.6	74	73 9/16	23.5	44.8	26.9	49.0	109	–	–	–	–	–	144	–	–	–	–	–
40	–	–	–	–	–	75	–	–	–	–	–	110	109	34.0	61.4	38.6	69.7						
41	40 2/16	12.4	23.8	14.5	27.0	76	75 9/16	24.1	46.0	27.6	50.2	111	111	34.8	62.6	39.3	70.5						
42	–	–	–	–	–	77	–	–	–	–	–	112	–	–	–	–	–						
43	42 1/16	13.1	25.0	15.2	28.5	78	77 8/16	24.8	47.2	28.2	51.4	113	112 15/16	35.6	63.8	39.9	71.4						
44	–	–	–	–	–	79	–	–	–	–	–	114	–	–	–	–	–						
45	44 1/16	13.8	26.3	16.0	29.9	80	79 8/16	25.4	48.4	28.8	52.6	115	114 15/16	36.3	65.0	40.6	72.3						
46	–	–	–	–	–	81	–	–	–	–	–	116	–	–	–	–	–						

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.

PIXEL (RGBX18/RGBWX18)

| Nominal Length (in)	End Feed Actual Length*	Watts		Nominal Length (in)	End Feed Actual Length*	Watts		Nominal Length (in)	End Feed Actual Length*	Watts		Nominal Length (in)	End Feed Actual Length*	Watts	
		RGBX18	RGBWX18			RGBX18	RGBWX18			RGBX18	RGBWX18			RGBX18	RGBWX18
		SO	SO			SO	SO			SO	SO			SO	SO
12	8 10/16	4.6	5.7	47	–	–	–	82	–	–	–	117	–	–	–
13	12 9/16	4.6	5.7	48	48	17.4	21.9	83	–	–	–	118	–	–	–
14	–	–	–	49	–	–	–	84	83 7/16	29.8	37.1	119	118 14/16	40.9	51.2
15	–	–	–	50	–	–	–	85	–	–	–	120	–	–	–
16	–	–	–	51	–	–	–	86	–	–	–	121	–	–	–
17	16 8/16	6.1	7.5	52	51 15/16	18.9	23.7	87	–	–	–	122	–	–	–
18	–	–	–	53	–	–	–	88	87 6/16	31.1	38.7	123	122 13/16	42.1	52.8
19	–	–	–	54	–	–	–	89	–	–	–	124	–	–	–
20	–	–	–	55	–	–	–	90	–	–	–	125	–	–	–
21	20 7/16	7.6	9.4	56	55 14/16	20.3	25.4	91	–	–	–	126	–	–	–
22	–	–	–	57	–	–	–	92	91 5/16	32.4	40.3	127	126 12/16	43.3	54.3
23	–	–	–	58	–	–	–	93	–	–	–	128	–	–	–
24	–	–	–	59	–	–	–	94	–	–	–	129	–	–	–
25	24 6/16	9.1	11.3	60	59 13/16	21.7	27.1	95	–	–	–	130	–	–	–
26	–	–	–	61	–	–	–	96	95 4/16	33.4	41.6	131	130 11/16	44.5	55.9
27	–	–	–	62	–	–	–	97	–	–	–	132	–	–	–
28	–	–	–	63	–	–	–	98	–	–	–	133	–	–	–
29	28 5/16	10.6	13.2	64	63 12/16	23.0	28.8	99	–	–	–	134	–	–	–
30	–	–	–	65	–	–	–	100	99 3/16	34.6	43.2	135	134 10/16	45.7	57.4
31	–	–	–	66	–	–	–	101	–	–	–	136	–	–	–
32	–	–	–	67	–	–	–	102	–	–	–	137	–	–	–
33	32 4/16	11.7	14.6	68	67 11/16	24.4	30.5	103	–	–	–	138	–	–	–
34	–	–	–	69	–	–	–	104	103 2/16	35.9	44.8	139	138 9/16	46.9	58.9
35	–	–	–	70	–	–	–	105	–	–	–	140	–	–	–
36	–	–	–	71	–	–	–	106	–	–	–	141	–	–	–
37	36 3/16	13.1	16.5	72	71 10/16	25.8	32.3	107	–	–	–	142	–	–	–
38	–	–	–	73	–	–	–	108	107 1/16	37.2	46.4	143	142 8/16	48.0	60.4
39	–	–	–	74	–	–	–	109	–	–	–	144	–	–	–
40	–	–	–	75	–	–	–	110	–	–	–				
41	40 2/16	14.6	18.3	76	75 9/16	27.1	33.9	111	111	38.4	48.0				
42	–	–	–	77	–	–	–	112	–	–	–				
43	–	–	–	78	–	–	–	113	–	–	–				
44	–	–	–	79	–	–	–	114	–	–	–				
45	44 1/16	16.0	20.1	80	79 8/16	28.4	35.5	115	114 15/16	39.7	49.6				
46	–	–	–	81	–	–	–	116	–	–	–				

Power Supplies

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

For use with Warm Dim, WD68

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"

PDC

Neutral / Ground / Load — 24V DC+ / 24V DC- — LineLED
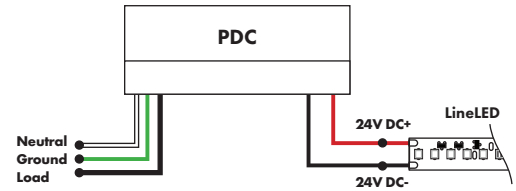
For use with Dynamic White, DW68

0-10V Warm Dimming 0% Power Supply 120VAC - 277VAC
(for warm dimming of Dynamic White option)

MODEL	POWER	OUTPUT
	–	–
PS010WD - 0-10 Warm dim LED Power Supply	96 - 96 Watt	24 - 24 VDC

Requires a 0-10V controller to work properly

PS010WD-96-24

Load / Ground / Neutral
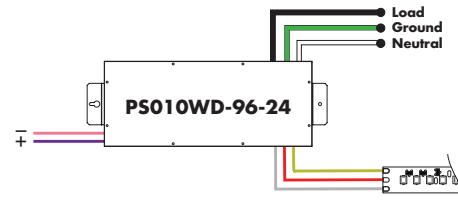
0-10V Tunable White 0% Dimming Power Supply 120VAC - 277VAC
(for tunable white control of Dynamic White option)

MODEL	POWER	OUTPUT
	–	–
PS010TW - 0–10 Tunable White LED Driver	96 - 96 Watt	24 - 24 VDC

MODELS	PS010TW
A Length	14.40"
B Width	2.60"
C Depth	5.20"

Requires two 0-10V controllers to work properly

PS010TW-96-24

Controller 1: 0-10V for intensity
Controller 2: 0-10V for color temperature
Load / Ground / Neutral
INPUT 120 - 277VAC
lineLED 96 W max
24V DC+ / 24V DC-
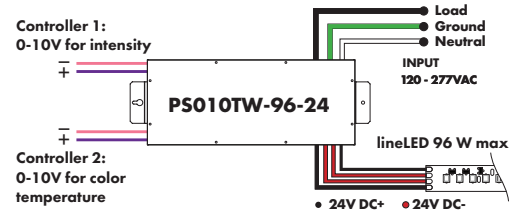
Customizable Dim to Warm or Variable White via 0 - 10V
(for tunable white or warm dimming control of Dynamic option)

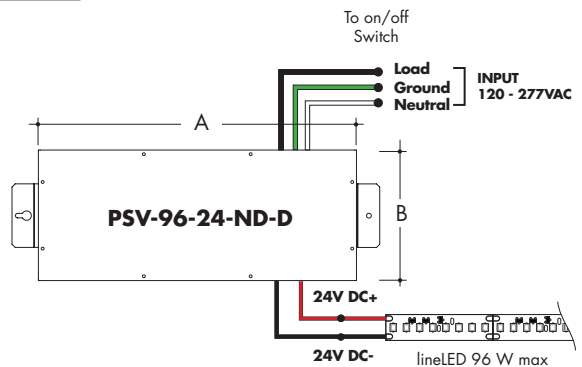| MODEL	POWER	OUTPUT	CONTROL
PS010V - 0-10 LED Driver	96 - 96 Watt	24 - 24 VDC	WW - Standard One Channel - Dim To Warm Curve W2C - Standard Two Channel - Dim 1: Intensity; Dim 2: CCT W21 - Standard Two Channel - Dim 1: Warm Channel Intensity; Dim 2: Cool Channel Intensity W1X - ____ Custom One Channel - Dim To Warm Curve W2X - ____ Custom two Channel - Dim 1: Intensity; Dim 2: CCT

Requires a 0-10V controller to work properly

PS010V-96-24-

Input Dali controller wires
Load / Ground / Neutral
OUTPUT Dali controller wires to the next LED Driver
LED COOL- / LED WARM+ / LED COOL+
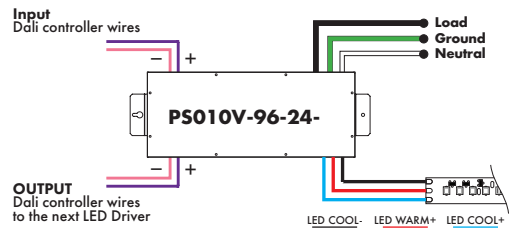
For use with RGB/RGBW/Pixel, RGB42/RGBW36/RGBX18/RGBWX18

Non-Dimming Power Supply 120VAC - 277VAC

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

Requires a controller and a decoder to work properly

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

PSV-96-24-ND-D

To on/off Switch
Load / Ground / Neutral
INPUT 120 - 277VAC
A
B
24V DC+ / 24V DC-
lineLED 96 W max

Power Supplies

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

### For use with RGB/RGBW, RGB42/RGBW36 or with Dynamic White, DW68

DMX 0% Dimming Power Supplies 120VAC - 277VAC

MODEL	POWER	OUTPUT
PSDMX- DMX Power Supply dims down to 0%	**96 -** 96 Watt **3X96 -** 3 X 96 Watt	**24-** 24 VDC

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

Features eldoLED's LINEARdrive configurable dimmable drivers.
DDMX-RGBW DMX Decoder not required when purchasing this power supply.
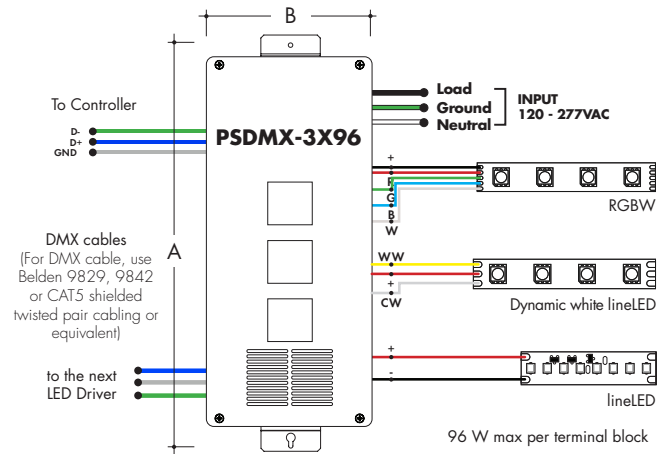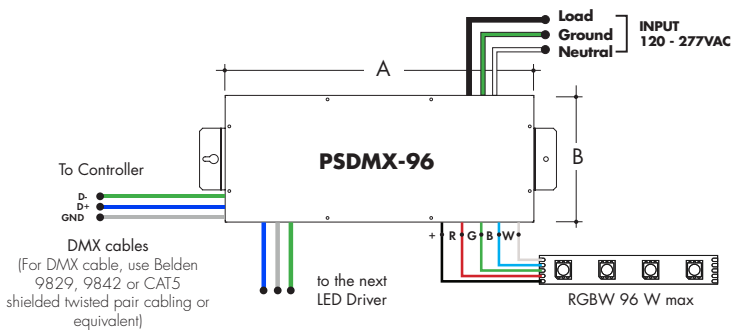
DMX-1Z-RGBW, DMX-3Z-RGBW

RGBW LED 1 or 3 Zone Controller

DMX /Wireless RGB-W wall-mount controller controls DMX lighting fixtures, wireless control of RGB-W lighting fixture or use both simultaneously. Fits in any standard US switch box. Includes all the outputs in the back of the controller.

Control brightness levels with a single touch, personalize and memorize 3 different scenes, and even create 3 variations of white.

Features

- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- 65,000 Color Options, Dimming and Speed Control
- Memory Function
- 50 Foot Wireless Range
- Easily Fits Standard US Switch Boxes
- Touch Sensitive Glass Surface
- Includes 10 Built in Programs, or Create and Play Your Own

Operating Voltage

12 - 24V DC

Color Parameters

- Brightness
- Saturation
- Primary colors
- Fading
- Color changing speed

ORDERING CODE

MODEL	ZONES	COLOR
DMX - DMX Controller	3Z - Three Zone 1Z - One Zone	RGBW - Red, Green, Blue, & White

Touch DMX Controller

Touchscreen digital LED 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)

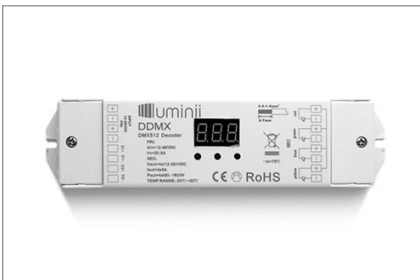**Programmability**

PC, Mac, Tablet, Smartphone

Output Signal

DMX512 (1024 channels)

Color Parameters

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

MODEL

TSDMX-E

TSDMX-E - Touchscreen DMX controller

DMX Decoder

DMX signal to RGBW decoder (required to operate DMX controller)

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.

Operating Voltage

12-36 VDC

Power Capacity

up to 96W at 24V

Operating Temperature Range

from -4°F to +122°F in case

ORDERING CODE

MODEL

DDMX-RGBW

DDMX-RGBW - DMX decoder

Smart Pixel Decoder

SPI signal to DMX signal decoder

The SR-DMX-SPI is a smart LED pixel decoder that controls RGB/RGBW pixel LED strips with SPI signal. Designed with an OLED backlit panel, the pixel controller allows for easy configuration of most settings. Four push buttons are available for control of the LED functions.

*For pixel only.

Features

- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- SPI signal output for RGB/RGBW pixel light control
- DMX512 controllable and RF/WIFI remote controllable
- Capable of addressing up to 1020 RGB pixels & 765 RGB pixels
- OLED panel allows for easy configuration

Operating Voltage

12 - 36V DC

Power capacity

up to 96W at 24V

Operating temperature range

from -4°F to +122°F in case

Model

SR-DMX-SPI

SR-DMX-SPI - Smart Pixel Decoder