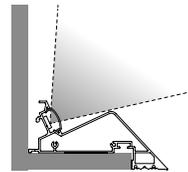
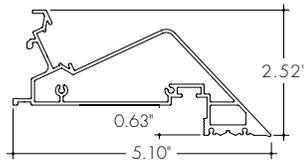
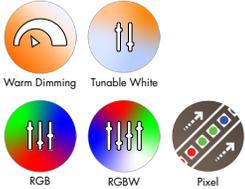




## Features

- 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.
- Available in Warm Dim, Tunable White, RGB, RGBW, and Pixel
- 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
- Average Life (L70): 50,000hrs
- 7 year warranty



## Technical Information

TYPE	Warm Dim			Tunable White			RGB	RGBW		Pixel	
	WD51 (18K-30K)			TW51 (27K-65K)			RGB42	RGBW36		RGBX18	RGBWX18
OUTPUT OPTIONS	SO	HO	VHO	SO	HO	VHO	SO	SO	HO	SO	SO
Lumens Output (All On w/ Frosted Lens)	103 lm/ft	218 lm/ft	310 lm/ft	230 lm/ft	286 lm/ft	387 lm/ft	116 lm/ft	117 lm/ft	193 lm/ft	93 lm/ft	141 lm/ft
Average Power Consumption (for a 4" section)	2.3 W/ft	4.7 W/ft	6.9 W/ft	4.4 W/ft	5.4 W/ft	7.6 W/ft	4.5 W/ft	4 W/ft	7.6 W/ft	4.5 W/ft	5.7 W/ft
Efficacy	45 lm/W	46 lm/W	45 lm/W	52 lm/W	53 lm/W	51 lm/W	26 lm/W	29 lm/W	25 lm/W	21 lm/W	25 lm/W
Max Run Length (in series)	37 ft	22 ft	15 ft	27.9 ft	22 ft	15 ft	28ft	26ft	13ft	30ft	20ft
Ambient Operating Temperature Range*	-4°F - 122°F (-20°C - 50°C)			-4°F - 122°F (-20°C - 50°C)			-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°C)		-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°C)
Control/Dimming Protocol	0-10V, DALI, DALI2, MLV (Triac), ELV, Incandescent			0-10V, DMX, DALI-DT8			DMX, DALI-DT8	DMX, DALI-DT8		SPI Protocol UCS 2903	SPI Protocol UCS 2904

\*Ambient Operating Temperature Range to maintain L70 of 50k+ hours in normal mounting conditions for the fixture. Exceeding Ambient Operating Temperature Range may result in decreased life/output. Consult Technical Support for specific inquiries.

CCT	Multiplier (ref. - 18K30K)	TM-30				
		CRI	R <sub>f</sub>	R <sub>g</sub>	R <sub>9</sub>	
18K24K	1800K	0.90	92	85	91	86
	2400K		96	95	104	97
18K27K	1800K	0.97	92	85	91	86
	2700K		96	95	104	96
18K30K	1800K	1.00	92	85	91	86
	3000K		95	95	104	90

CCT	Multiplier (ref. - 27K65K)	TM-30				
		CRI	R <sub>f</sub>	R <sub>g</sub>	R <sub>9</sub>	
18K30K	1800K	0.78	92	85	91	86
	2400K		95	93	106	98
	3000K		97	94	104	95
27K65K	2700K	1.00	97	95	103	93
	4200K		96	93	105	95
	6500K		91	90	101	63

Tape	TM-30			
	CRI	R <sub>f</sub>	R <sub>g</sub>	R <sub>9</sub>
RGBW36	95	93	106	84
RGBWX18	93	91	99	64

Color	RGB42/ RGBW36	RGBX18/ RGBWX18
Red	620nm	621nm
Green	525nm	519nm
Blue	467nm	465nm

## Ordering Code

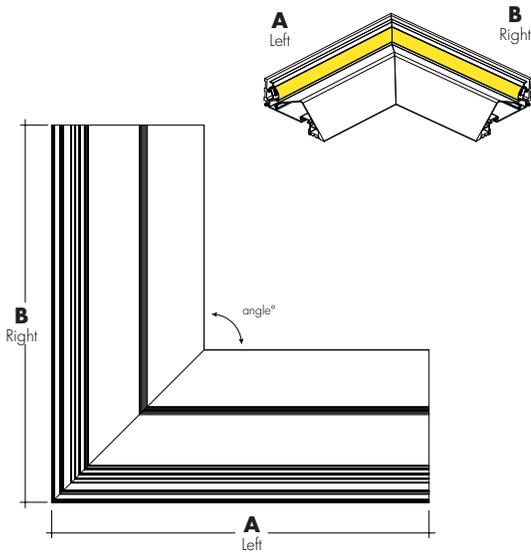
MODEL	LENGTH <sup>1</sup>	OUTPUT <sup>3</sup>	CCT	LENS	LEFT END CAP	RIGHT END CAP	POWER FEED LEFT END <sup>3</sup>	POWER FEED RIGHT END <sup>3</sup>
KE-Knife Edge	12"-84" 2" increments	WD51SO - Standard WD51HO - High WD51VHO - Very High	18K24K - 1800K - 2400K 18K27K - 1800K - 2700K 18K30K - 1800K - 3000K	F-Frosted Lens	LE - Endcap Left End LN - No Endcap Left End	RE - Endcap Right End RN - No Endcap Right End	LPB - Back Plenum Leads LNPF - No Power Feed	RPB - Back Plenum Leads RNPF - No Power Feed
	12"-84" 2" increments	TW51SO - Standard TW51HO - High TW51VHO - Very High	18K30K - 1800K - 3000K 27K65K - 2700K - 6500K		LE - Endcap Left End LN - No Endcap Left End	RE - Endcap Right End RN - No Endcap Right End	LNPF - No Power Feed	RPB - Back Plenum Leads
	12"-84" 2" increments	RGBW36SO - Standard RGBW36HO - High RGB42SO - Standard	CLR - Color		LE - Endcap Left End LN - No Endcap Left End	RNJ - No Right Endcap, With Jumper Wires	LPB - Back Plenum Leads LNPF - No Power Feed	RNPF - No Power Feed
	12"-84" 4" increments	RGBWX18SO - Standard RGBX18SO - Standard	PXSPI - Smart Pixel Control		LNJ - No Left Endcap, With Jumper Wires	RE - Endcap Right End RN - No Endcap Right End	LNPF - No Power Feed	RPB - Back Plenum Leads RNPF - No Power Feed
	12"-84" 4" increments	RGBWX18SO - Standard RGBX18SO - Standard	PXSPI - Smart Pixel Control		LNJ - No Left Endcap, With Jumper Wires	RNJ - No Right Endcap, With Jumper Wires	LNPF - No Power Feed	RNPF - No Power Feed

1 - Custom lengths and increments are available, please consult Inside Sales with specific request.  
 2 - Warm Dim and Tunable 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 - Plenum Rated Wire leads are 72" long.

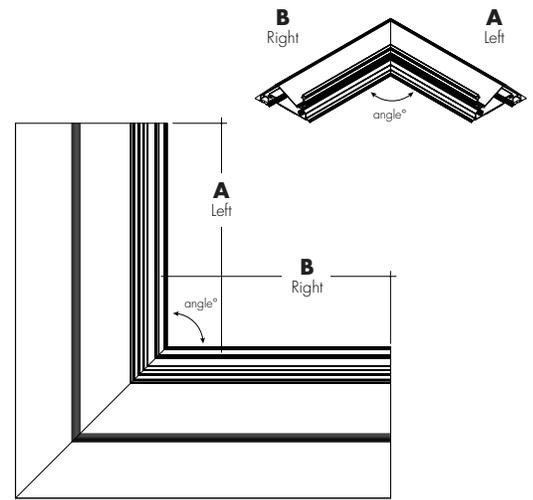
4 - NOTE: Cannot pair LNPF-RNPF without jumper connections - either LNJ or RNJ must be selected to allow for LNPF-RNPF to be chosen.  
 5 - NOTE: Cannot pair LPB-RPB together. Only one power feed per fixture/section on Knife Edge.  
 6 - NOTE: Cannot have a power feed on the same end as a jumper wire connection.

Knife Edge Corner Options

**KE-IC**  
Inner Corner



**KE-OC**  
Outside Corner



Corner Type	Actual Length		Total Wattage		
	A	B	TW51SO	TW51HO	TW51VHO
Inner (KE-IC)	12 6/16"	12 6/16"	8.9	11.1	15.5
Outer (KE-OC)	11 3/16"	11 3/16"	8.9	11.1	15.5

Corner Type	Actual Length		Total Wattage		
	A	B	WD51SO	WD51HO	WD51VHO
Inner (KE-IC)	12 6/16"	12 6/16"	4.7	9.9	14.1
Outer (KE-OC)	11 8/16"	11 8/16"	4.7	9.9	14.1

Corner Type	Actual Length		Total Wattage				
	A	B	RGB42SO	RGBW36SO	RGBW36HO	RGBX18SO	RGBWX18SO
Inner (KE-IC)	12 11/16"	12 11/16"	9.9	8.5	15.9	9.4	11.9
Outer (KE-OC)	11 8/16"	11 8/16"	9.9	8.5	15.9	9.4	11.9

Ordering Code

MODEL	LENGTH	ANGLE <sup>1</sup>	OUTPUT	CCT	LENS	LEFT END CAP	RIGHT END CAP	POWER FEED LEFT END <sup>2</sup>	POWER FEED RIGHT END <sup>2</sup>
KE-Knife Edge	IC-Inner Corner OC-Outer Corner	90-90° Corner C-Custom Angle Corner <sup>1</sup>	WD51SO-Standard WD51HO-High WD51VHO-Very High	18K24K-1800K-2400K 18K27K-1800K-2700K 18K30K-1800K-3000K	F-Frosted Lens	LE-Endcap Left End LN-No Endcap Left End	RE-Endcap Right End RN-No Endcap Right End	LPB-Back Plenum Leads LNPF-No Power Feed	RNPB-Back Plenum Leads RNPF-No Power Feed
			TW51SO-Standard TW51HO-High TW51VHO-Very High	18K30K-1800K-3000K 27K65K-2700K-6500K		LE-Endcap Left End LN-No Endcap Left End	RE-Endcap Right End RN-No Endcap Right End	LNPF-No Power Feed LPB-Back Plenum Leads LNPF-No Power Feed	RPB-Back Plenum Leads RNPF-No Power Feed
			RGBW36SO-Standard RGBW36HO-High RGB42SO-Standard	CLR-Color		LE-Endcap Left End LN-No Endcap Left End	RNJ-No Right Endcap, With Jumper Wires	LPB-Back Plenum Leads LNPF-No Power Feed	RNPB-Back Plenum Leads RNPF-No Power Feed
			RGBWX18SO-Standard RGBX18SO-Standard	PXSPI-Smart Pixel Control		LNJ-No Left Endcap, With Jumper Wires	RE-Endcap Right End RN-No Endcap Right End	LNPF-No Power Feed LPB-Back Plenum Leads LNPF-No Power Feed	RPB-Back Plenum Leads RNPF-No Power Feed
						LNJ-No Left Endcap, With Jumper Wires	RNJ-No Right Endcap, With Jumper Wires	LNPF-No Power Feed LPB-Back Plenum Leads LNPF-No Power Feed	RNPB-Back Plenum Leads RNPF-No Power Feed

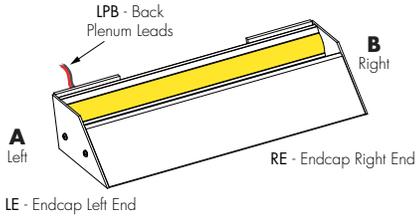
1 - Custom Angle Corners are available, please consult Inside Sales with specific request.  
2 - Plenum Rated Wire leads are 72" long.

3 - NOTE: Cannot pair LNPF-RNPF without jumper connections - either LNJ or RNJ must be selected to allow for LNPF-RNPF to be chosen.  
4 - NOTE: Cannot pair LPB-RPB together. Only one power feed per fixture/section on Knife Edge.  
5 - NOTE: Cannot have a power feed on the same end as a jumper wire connection.

**Powerfeed options for Continuous Run Straight Fixtures**

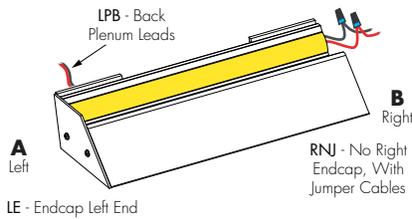
**KE-XX-LE-RE-XX-**

Single Fixture, both endcaps and power feed on one end



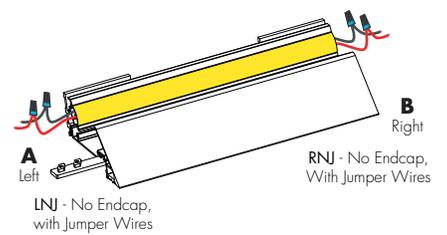
**KE-XX-LE-RN-XX- / KE-XX-LN-RE-XX-**

Start/End fixture, one end cap, power feed on one end, jumper cables on the other



**KE-XX-LN-RN-XX-**

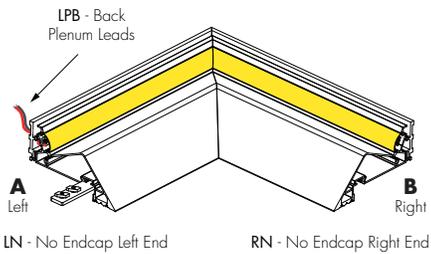
Middle fixture, no end caps, no power feed, jumper cables on both ends



**Powerfeed options for Corner Fixtures**

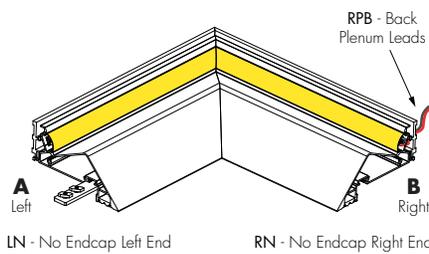
**KE-IC-90-XX-LN-RN-LPB-RNPF**

Inside Corner, left back power feed



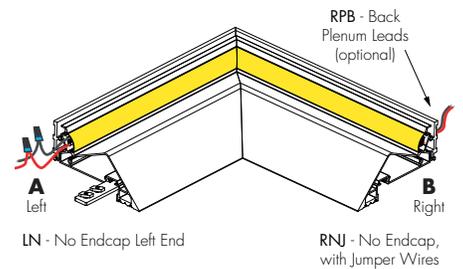
**KE-IC-90-XX-LN-RN-LNPF-RPB**

Inside Corner, right back power feed



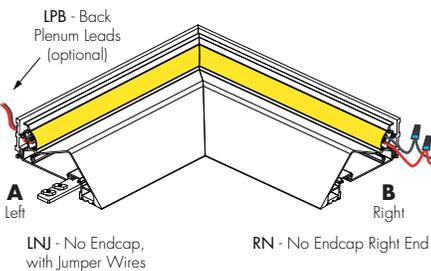
**KE-IC-90-XX-LNJ-RN-LNPF-RPB**

Inside Corner, jumper cables left, right back power feed



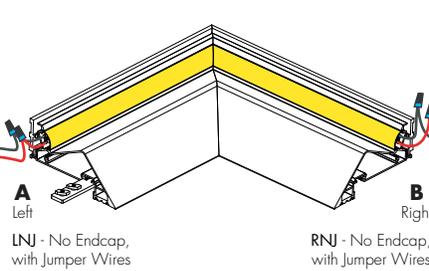
**KE-IC-90-XX-LN-RNJ-LPB-RNPF**

Inside Corner, left back power feed, jumper cables right



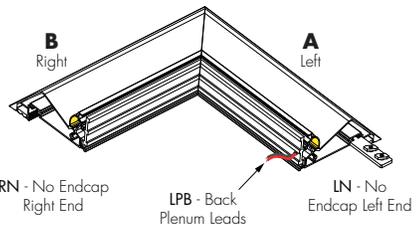
**KE-IC-90-XX-LNJ-RNJ-LNPF-RNPF**

Inside Corner, jumper cables left, jumper cables right



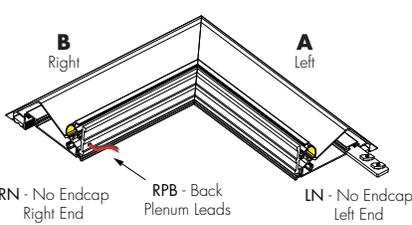
**KE-OC-90-XX-LN-RN-LPB-RNPF**

Outside Corner, left back power feed



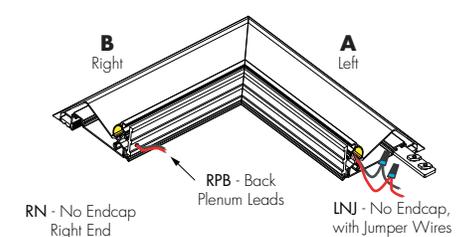
**KE-OC-90-XX-LN-RN-LNPF-RPB**

Outside Corner, right back power feed



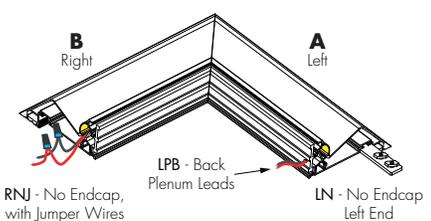
**KE-OC-90-XX-LNJ-RN-LNPF-RPB**

Outside Corner, jumper cables left, right back power feed



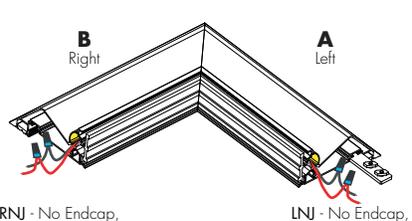
**KE-OC-90-XX-XX-LN-RNJ-LPB-RNPF**

Outside Corner, left back power feed, jumper cables right

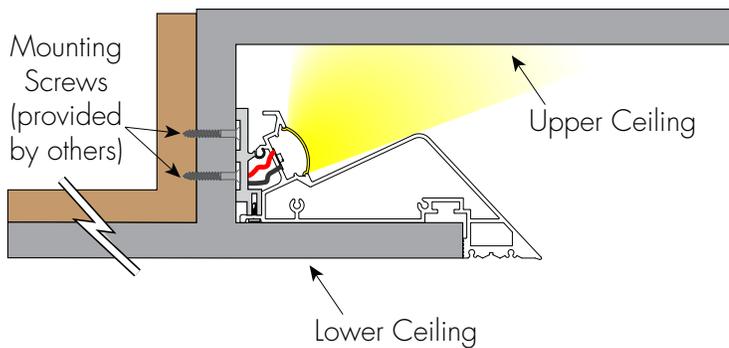
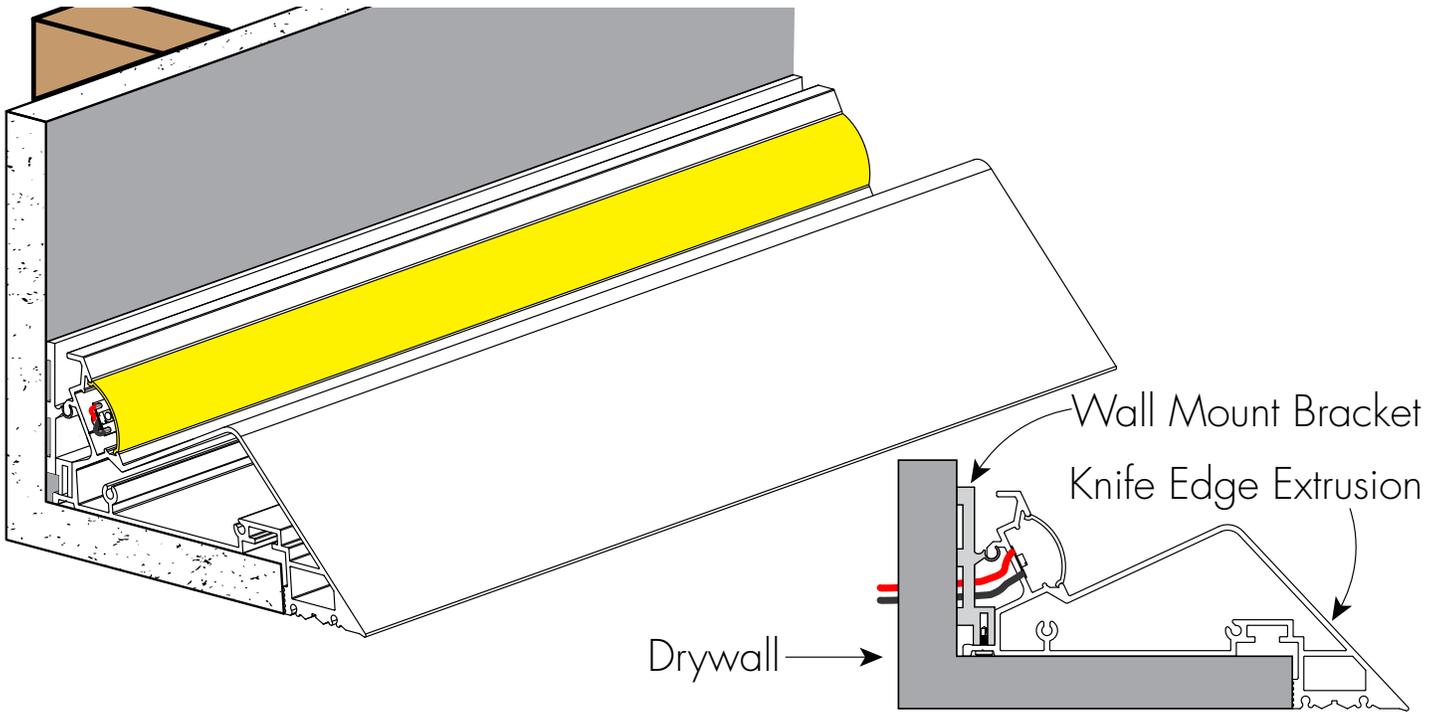
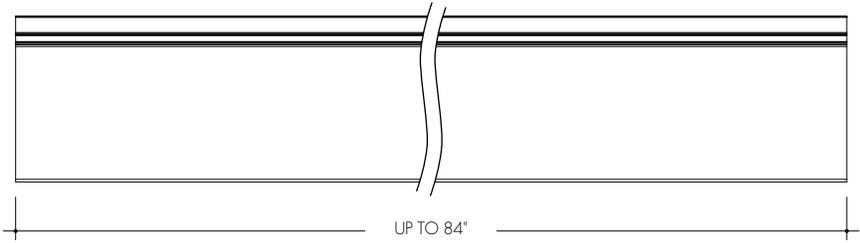
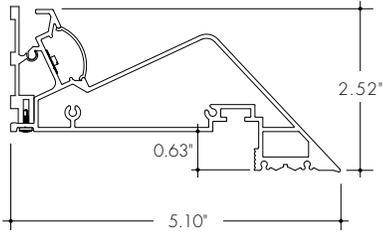


**KE-OC-90-XX-LNJ-RNJ-LNPF-RNPF**

Outside Corner, jumper cables left, jumper cables right



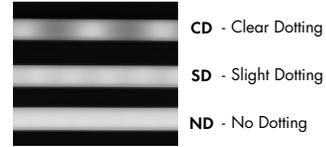
Product Dimensions





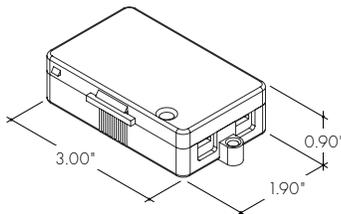
**Light Transmission and Dotting**

Output Options	Lens/Accessory			
	Frosted Lens			
Dimming Level	100%	50%	10%	1%
WD51SO	ND	ND	ND	ND
WD51HO	ND	ND	ND	ND
WD51VHO	ND	ND	ND	ND
TW51SO (All On)	ND	ND	ND	ND
TW51HO (All On)	ND	ND	ND	ND
TW51VHO (All On)	ND	ND	ND	ND
TW51SO (1 CH)	ND	ND	ND	ND
TW51HO (1 CH)	ND	ND	ND	ND
TW51VHO (1 CH)	ND	ND	ND	ND
RGBW36SO	CD	CD	CD	CD
RGBW36HO	CD	CD	CD	CD
RGB42SO	CD	CD	CD	CD
RGBWX18SO	CD	CD	CD	CD
RGBX18SO	CD	CD	CD	CD
<b>Transmission Percentage</b>	100%			



**Accessory Options**

**LVSP-4T-BK**  
Low Voltage, 4 Terminal Splice Box, Black, IP20



**Power Consumption**

Please visit the link/QR code below to access the Luminii Power Consumption Chart tool on our website.

There you will be able to select your fixture, output, and desired power feed to get a full power consumption table.



I'm also click-able

Desired Nominal Length: \_\_\_\_\_

Desired Output: \_\_\_\_\_

Desired CCT: \_\_\_\_\_

**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 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

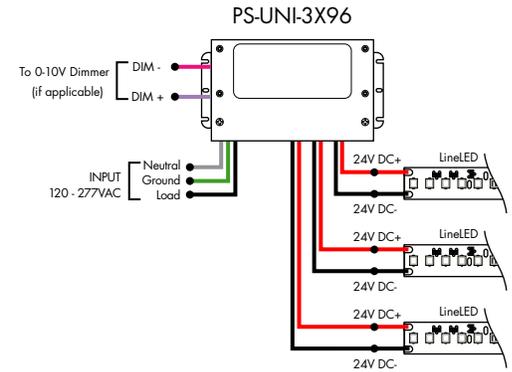
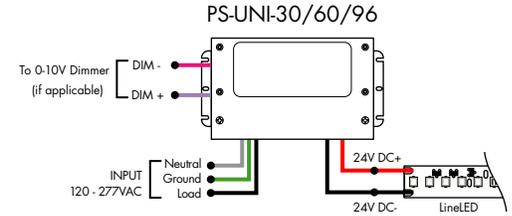
#### Ordering Code - Universal Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	WATTAGE	OUTPUT
PS-Power Supply, 120-277VAC	UNI - 0-10V Dimming (0.1%), Phase Dimming (0.1%)	30 - 30 Watts 60 - 60 Watts 96 - 96 Watts 3x96 - 3x96 Watts	24 - 24 VDC

Compatibility: View a complete list of compatible dimmers on the PS-UNI product page.

0-10V - 0.1% dimming  
MLV/ELV/TRIAC - 0.1% dimming, consult dimming compatibility chart

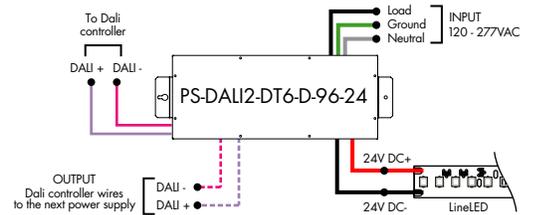
MODELS	PS-UNI-30W	PS-UNI-60W	PS-UNI-96W	PS-UNI-3X96W
Length	6.50"	7.40"	8.66"	11.85"
Width	3.73"	3.73"	3.73"	4.32"
Depth	1.61"	1.61"	1.61"	1.81"



#### Ordering Code - DALI 2 Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS-Power Supply, 120-277VAC	DALI2-DT6 - DALI2 DT6 (0.1%)	D - Dry	96-96 Watts	24 - 24 VDC

<b>Model</b>	<b>96W</b>
<b>Length</b>	14.40"
<b>Width</b>	5.20"
<b>Depth</b>	2.60"



## Power Supplies

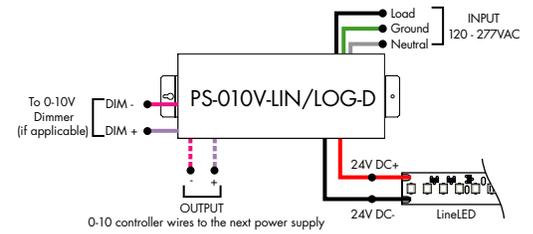
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

### For use with Warm Dim

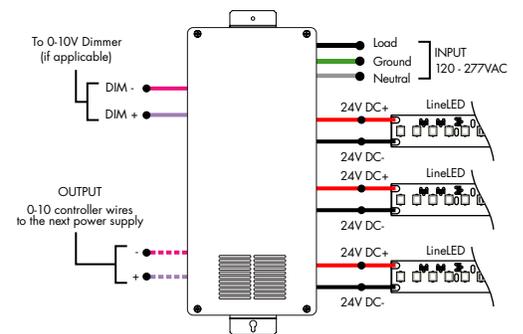
#### Ordering Code - 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	010V-LIN - 0-10V Dimming (0.1%), Linear 010V-LOG - 0-10V Dimming (0.1%), Logarithmic	D - Dry	96-96 Watts 3x96-3x96 Watts	24 - 24 VDC

MODELS	96W	3X96
<b>Length</b>	14.40"	15.00"
<b>Width</b>	5.20"	6.62"
<b>Depth</b>	2.60"	4.45"



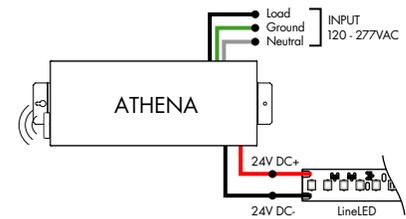
PS-010V-LIN/LOG-D-3X96



#### Ordering Code - Athena 0-10V LED Driver

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE
PS - Power Supply, 120-277VAC	010V-LIN - 0-10V Dimming (0.1%), Linear 010V-LOG - 0-10V Dimming (0.1%), Logarithmic	D - Dry	96-96 Watts	24 - 24 VDC	AWNDR - Athena

MODELS	96W
<b>Length</b>	14.40"
<b>Width</b>	5.20"
<b>Depth</b>	2.60"



## Power Supplies

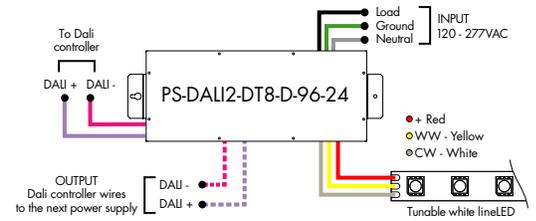
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

### For use with Tunable White

#### Ordering Code - DALI2 Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	DALI2-DT8 - DALI DT8 Tunable White (0.1%)	D - Dry	96 - 96 Watts	24 - 24 VDC

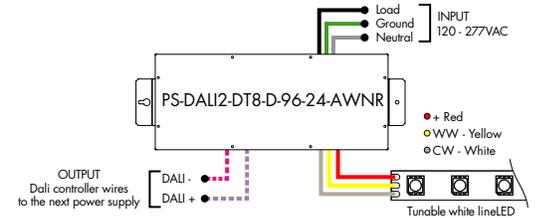
MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"



#### Ordering Code - Athena DALI2 Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE
PS - Power Supply, 120-277VAC	DALI2-DT8 - DALI DT8 Tunable White (0.1%)	D - Dry	96 - 96 Watts	24 - 24 VDC	AWN - Athena

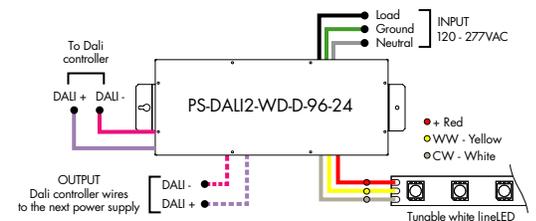
MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"



#### Ordering Code - DALI2 Dimming Power Supplies 0.1% 120VAC - 277VAC - for Dim-to-Warm functionality with Tunable White Output

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	DALI2-WD - DALI2 DT6 Warm Dim (0.1%)	D - Dry	96 - 96 Watts	24 - 24 VDC

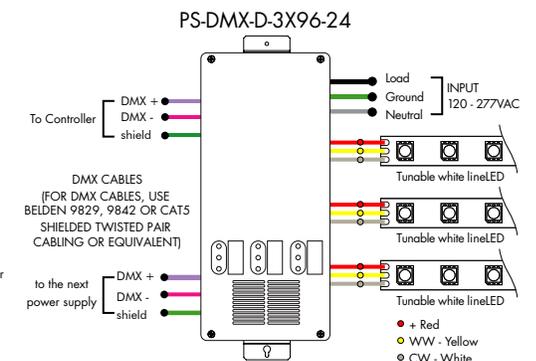
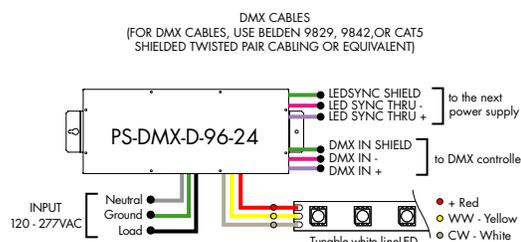
MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"



#### Ordering Code - DMX Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	DMX - DMX (0.1%)	D - Dry	96 - 96 Watts 3X96 - 3X96 Watts	24 - 24 VDC

MODELS	96W	3X96
Length	14.40"	15.00"
Width	5.20"	6.62"
Depth	2.60"	4.56"



## 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.

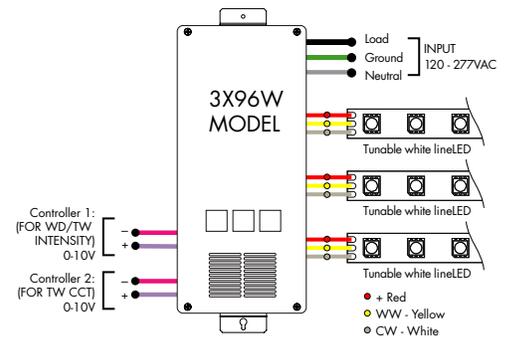
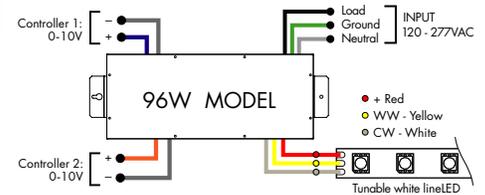
### For use with Tunable White

#### Ordering Code - VintageDim® 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	010V-WD - 0-10V Dimming (0.1%), Standard Warm Dim Curve (with Tunable White LED) 010V-TW - 0-10V Dimming (0.1%), Two Channel Control, Brightness and CCT1-CCT2 Ratio 010V-2CH - 0-10V Dimming (0.1%), Two Channel Control, LED1 Brightness and LED2 Brightness 010V-WDX - 0-10V Dimming (0.1%), Customizable Warm Dim Curve (with Tunable White LED) 010V-2CHX - 0-10V Dimming (0.1%), Two Channel Control, Customizable Brightness and CCT1-CCT2 Ratio	D-Dry	96-96 Watts 3X96-3x96 Watts <sup>1</sup>	24-24 VDC

1 - 3x96 is only available with input control options 010V-WD and 010V-TW

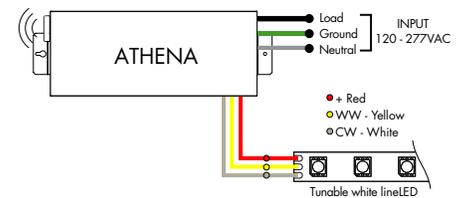
MODELS	96W	3X96
<b>Length</b>	14.40"	15.00"
<b>Width</b>	5.20"	6.62"
<b>Depth</b>	2.60"	4.56"



#### Ordering Code - Athena VintageDim® 0-10V Power Supply 0.1% 120VAC - 277VAC - for Dim-to-Warm functionality with Tunable White Output

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE
PS - Power Supply, 120-277VAC	010V-WD - 0-10V Dimming, Standard Warm Dim Curve (with Tunable White LED)	D-Dry	96-96 W	24-24 VDC	AWN - Athena

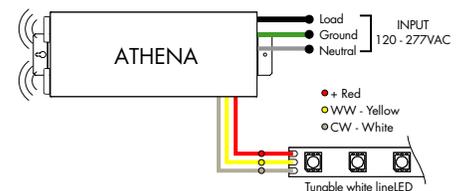
MODELS	96W
<b>Length</b>	14.40"
<b>Width</b>	5.20"
<b>Depth</b>	2.60"



#### Ordering Code - Athena VintageDim® 0-10V Two Channel LED Driver, 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE
PS - Power Supply, 120-277VAC	010V-2CH - 0-10V Dimming Two Channel Control, LED1 Brightness and LED2 Brightness	D-Dry	96-96 W	24-24 VDC	AWN - Athena

MODELS	96W
<b>Length</b>	14.40"
<b>Width</b>	5.20"
<b>Depth</b>	2.60"



## 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.

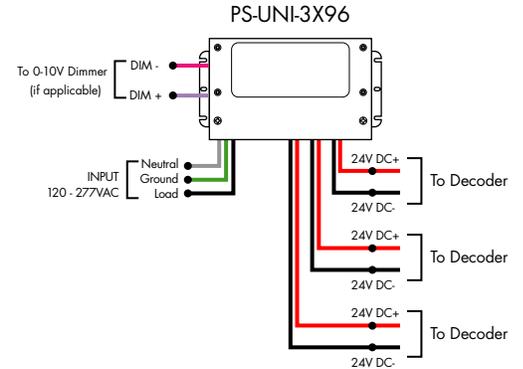
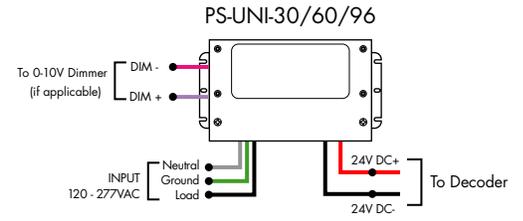
### For use with RGB/RGBW

#### Ordering Code - Universal Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	UNI - 0-10V Dimming (0.1%), Phase Dimming (0.1%)	30 - 30 Watts 60 - 60 Watts 96 - 96 Watts 3x96 - 3x96 Watts	24 - 24 VDC

MODELS	PS-UNI-30W	PS-UNI-60W	PS-UNI-96W	PS-UNI-3X96W
<b>Length</b>	6.50"	7.40"	8.66"	11.85"
<b>Width</b>	3.73"	3.73"	3.73"	4.32"
<b>Depth</b>	1.61"	1.61"	1.61"	1.81"

REQUIRES A CONTROLLER AND A DECODER TO WORK PROPERLY



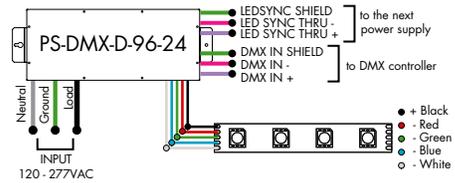
### For use with RGB/RGBW

#### Ordering Code - DMX Dimming Power Supplies 0.1% 120VAC - 277VAC

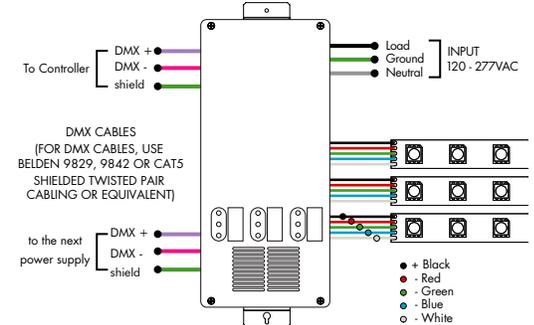
MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	DMX - DMX (0.1%)	D - Dry	96 - 96 Watts 3X96 - 3X96 Watts	24 - 24 VDC

MODELS	96W	3X96
<b>Length</b>	14.40"	15.00"
<b>Width</b>	5.20"	6.62"
<b>Depth</b>	2.60"	4.56"

DMX CABLES (FOR DMX CABLES, USE BELDEN 9829, 9842 OR CAT5 SHIELDED TWISTED PAIR CABLING OR EQUIVALENT)



PS-DMX-D-3X96-24

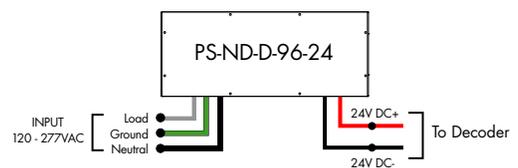


### For use with RGB/RGBW/Pixel

#### Ordering Code - Non-Dimming Power Supply 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - PSV Series	ND - Non Dimming	D - Dry	96 - 96 Watts	24 - 24 VDC

MODELS	96W
<b>Length</b>	14.40"
<b>Width</b>	5.20"
<b>Depth</b>	2.60"



REQUIRES A CONTROLLER AND A DECODER TO WORK PROPERLY

**Controllers and Decoders**

**For use with Tunable White Power Supplies**



ORDERING CODE

MODEL

**DTW-MC**

DTW-MC - Tunable White controller

Tunable White wall-mount controller controls lighting fixtures, wireless control of TW lighting fixture. Fits in any standard US switch box. Includes all the outputs in the back of the controller.

**Features**

- Switch & dimming control function, control range > 20M.
- Smooth transition between light levels.
- Separately operate dimming and color temperature functions.
- Able to control 1 zone with endless receivers. Each receiver can maximally be controlled by 8 remotes.
- Power, temperature color and dimming functions operated by push button after receivers are connected.

**Operating Voltage**

3V DC battery

**Color Parameters**

- Brightness
- Saturation
- Fading



ORDERING CODE

MODEL

**TW-DMX**

TW-DMX - DMX controller

Tunable White DMX wall-mount controller is a fully touch sensitive controller designed in accordance with standard dimming protocol DMX512. Offers fast and accurate color temperature adjustment and brightness dimming of natural white, warm white and cold white. Designed with a touch color wheel, the DMX512 controller can adjust color temperature and brightness for all white LEDs smoothly and accurately. The DMX controller can control 1 zone with endless decoders.

**Features**

- 1 zone
- 6 color scenes
- DMX Control
- Touch Sensitive Glass Surface
- Dimming and Speed Control
- Memory Function
- Easily Fits Standard US Switch Boxes

**Operating Voltage**

12 - 24V DC

**Color Parameters**

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



ORDERING CODE

MODEL

**SLD-DIMTW**

SLD-DIMTW - Tunable white LED dimming module

The SLD DimTW is a constant voltage warm dimming LED dimming module. The unique dimming module accepts 0-10V control and mimics a smooth, incandescent dimming curve.

**Features**

- Flicker free 0-100% dimming
- High efficiency up to 97%
- High precision dimming ratio:>1:1000
- Fully isolated plastic housing
- Comply with EN55015 and FCC part 15 without additional input filter and capacitors
- compact size, high reliability
- 3 years warranty

**Operating Voltage**

8-48 VDC

**Controllers and Decoders**

**For use with Tunable White, RGB/RGBW Power Supplies**



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



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

ORDERING CODE

MODEL

**RGBW-RC-R**

RGBW-RC-R - RGBW receiver



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

ORDERING CODE

MODEL

**RGBW-SR**

RGBW-SR - RGBW signal repeater

**Controllers and Decoders**

**For use with RGB/RGBW Power Supplies**



ORDERING CODE

MODEL

**RGBW-MC3**

RGBW-MC3 - 4-zone RGBW controller

Easy to operate wireless interface suitable for static or color changing scenes. Control 4 different color zones separately or at the same time. RGBW receiver (RGBW-RC-R) required for operation. Assign multiple receivers per zone to cover a large area.

Color wheel enables highly stable and sensitive color control functionality. Create your own color changing sequences with ease and flexibility.

**Power**

qty 3 AAA batteries

**Scenes**

up to 4 unique zones

**Signal**

Wireless (RF)

**Energy Saving**

Deactivates after 10 seconds of inactivity

**Color Parameters**

- Brightness
- Saturation
- Primary colors
- Speed of color changing sequence
- Fading



ORDERING CODE

MODEL

ZONES

COLOR

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

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

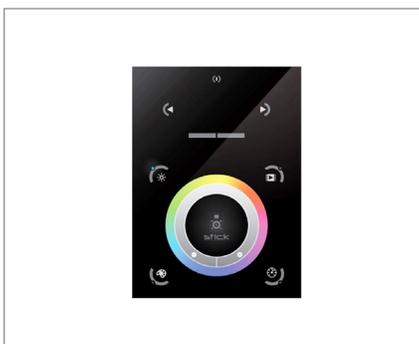
**Operating Voltage**

12 - 24V DC

**Color Parameters**

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

**For use with Tunable White, RGB/RGBW, Pixel Power Supplies**



ORDERING CODE

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**

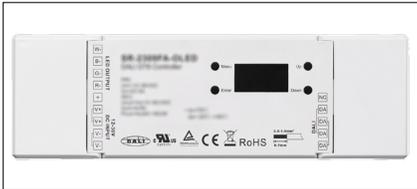
DMX512 (1024 channels)

**Color Parameters**

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

**Controllers and Decoders**

**For use with Tunable White, RGB/RGBW Power Supplies**



ORDERING CODE

MODEL

**DALI2-DT8-RGBW**

DALI2-DT8-RGBW - DALI-2 RGBW Decoder

A 4-channel DALI2 DT8 decoder designed to control RGB, RGBW, and TW LED fixtures, featuring adjustable color temperature and customizable lumen output.

**Voltage/Frequency**  
12-36VDC

**Max Output Power**  
4 output channels, 60-180W each

**Max Output Current**  
4 output channels, max of 5A each

**Ambient Operating Temperature Range**  
-20 to 50 °C

**Environment**  
Dry (IP20)



ORDERING CODE

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



ORDERING CODE

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

**For use with Pixel Power Supplies**



ORDERING CODE

MODEL

**SR-DMX-SPI**

SR-DMX-SPI - Smart Pixel 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 RGBW 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