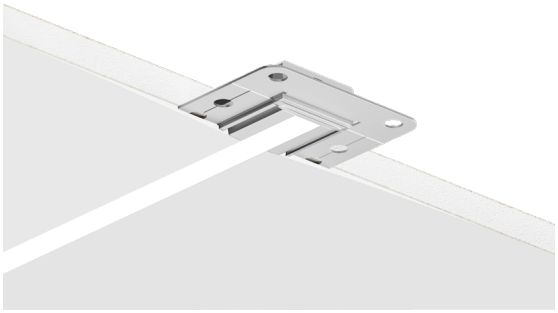
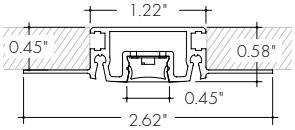


Features

- Myka Recessed Trimless System is a turn-key solution for complex layouts and runs - coming with pre-welded corners for installation ease.
- Shipped as field configurable strip and channel
- Dot free even illumination with frosted lens
- Class two listed for damp locations
- Suitable for installation in the storage area of a clothes closet on outputs 5.7W/ft or less, NEC compliant for the USA only.
- Warm Dim follows the incandescent dimming curve and is compatible with MLV, ELV, and Incandescent dimmers.
- Tunable White allows individual control of CCT and output, can be paired with Vintage Dim power supply for warm dim effect
- Average Life (L70): 50,000hrs
- 7 year warranty

Warm Dimming Tunable White



Finish Options

☐ Mill Finish

RoHS Single Bin +/-30 CCT CE MADE IN U.S.A TITLE 24 JA8 COMPLIANT DIM

Technical Information

TYPE	Warm Dim			Tunable White		
OUTPUT OPTIONS	WD51 (18K-30K)			TW51 (27K-65K)		
	SO	HO	VHO	SO	HO	VHO
Lumens Output (All On w/ Clear Lens)	150 lm/ft	316 lm/ft	450 lm/ft	335 lm/ft	415 lm/ft	562 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
Efficacy	65 lm/W	67 lm/W	65 lm/W	76 lm/W	77 lm/W	74 lm/W
Max Run Length (individual fixture)	37 ft	22 ft	15 ft	28.9 ft	22 ft	15 ft
Ambient Operating Temperature Range*	-4°F – 113°F (-20°C – 45°C)	-4°F – 95°F (-20°C – 35°C)	-4°F – 77°F (-20°C – 25°C)	-4°F – 95°F (-20°C – 35°C)	-4°F – 95°F (-20°C – 35°C)	-4°F – 77°F (-20°C – 25°C)
Control/Dimming Protocol	0–10V, DALI, DALI2, MLV (Triac), ELV, Incandescent			0–10V, DMX, DALI-DT8		

*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.

Warm Dim (WD51)

CCT		Multiplier (ref. - 18K30K)	TM-30			
			CRI	R_f	R_g	R_9
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

Tunable White (TW51)

CCT		Multiplier (ref. - 27K65K)	TM-30			
			CRI	R_f	R_g	R_9
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

Ordering Code

MODEL - SHAPE - LENGTH[1] - OUTPUT[2] - CCT - LENS[3] - MOUNTING - FINISH

MODEL
- MKL - Myka Recessed Trimless

SHAPE
- STR - Straight Run
- CMLX - Complex Shape
- UIC - U-Shape, Inside Corner
- UOC - U-Shape, Outside Corner
- UFC - U-Shape, Flat Corner
- LIC - L-Shape, Inside Corner
- LOC - L-Shape, Outside Corner
- LFC - L-Shape, Flat Corner
- RECIC - Rectangle, Inside Corner
- RECOC - Rectangle, Outside Corner
- RECFC - Rectangle, Flat Corner

LENGTH[1]
- Overall System Length in Inches (1/16) EX: 1249.0625
- Leg 1 X Leg 2 X Leg 3 in Inches (1/16) EX: 115.0625 X 13.50 X 235.125
- Leg 1 X Leg 2 in Inches (1/16) EX: 115.0625 X 13.50

OUTPUT[2]
- WD51SO - Standard
- WD51HO - High
- WD51VHO - Very High
- TW51SO - Standard
- TW51HO - High
- TW51VHO - Very High

CCT
- 18K24K - 1800K - 2400K
- 18K27K - 1800K - 2700K
- 18K30K - 1800K - 3000K
- 18K30K - 1800K - 3000K
- 27K65K - 2700K - 6500K

LENS[3]
- C - Clear
- HF - Half Frosted
- F - Frosted
- BLV - Black Blade Louver[3]
- WLV - White Blade Louver[3]

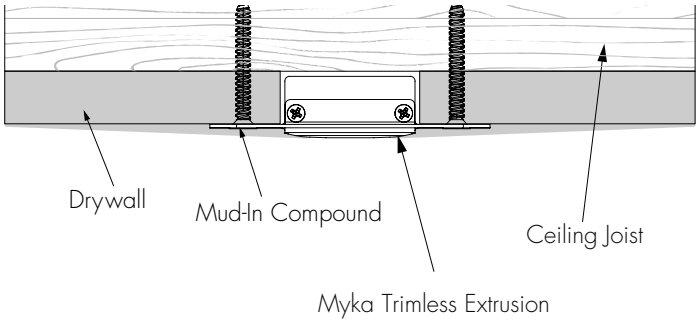
MOUNTING
- MF - Mounting Flange

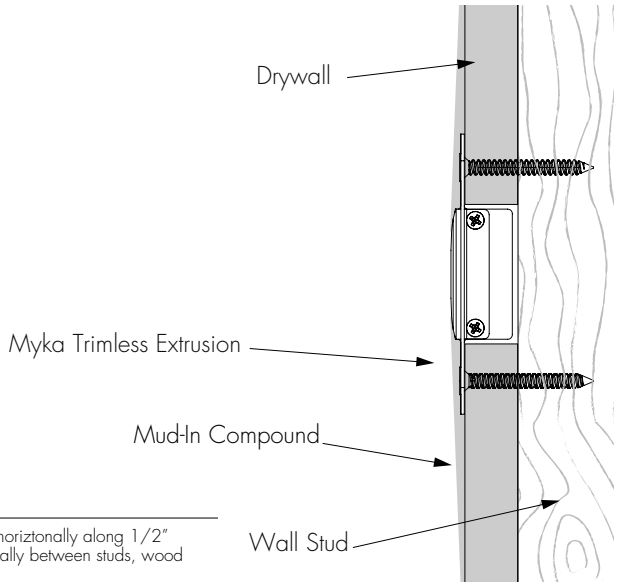
FINISH
- MILL - Mill Finish

1 - Length written in decimal format to the closest sixteenth of an inch.
2 - Title 24 JA8 achievable depending on Output, CCT, and Lens selections. See multiplier charts to calculate specific efficacies.
3 - Blade louvers are 12" long. Multiple pieces may be shipped with order.

*LUMINII RESERVES THE RIGHTS TO CHANGE SPECIFICATION & INSTRUCTION WITHOUT NOTICE

Applications





Direct View Recessed (Ceiling)

Fixture mounted on 1/2" or thicker ceiling drywall.If mounted between joists, wood blocking may be required.

Direct View Recessed (Wall)

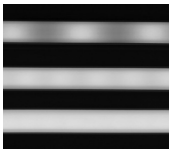
Fixture mounted either vertically or horiztonally along 1/2" or thicker drywall. If mounted vertically between studs, wood blocking may be required.

Light Transmission and Dotting

	Lens/Accessory																							
Output Options	**Clear Lens**				**Half Frosted Lens**				**Frosted Lens**				**Black Blade Louver**				**White Blade Louver**				**Matte Frosted**			
Dimming Level	100%	50%	10%	1%	100%	50%	10%	1%	100%	50%	10%	1%	100%	50%	10%	1%	100%	50%	10%	1%	100%	50%	10%	1%
WD51SO	CD	CD	CD	CD	CD	CD	CD	CD	ND	SD	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	SD	CD
WD51HO	CD	CD	CD	CD	CD	CD	CD	CD	ND	SD	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	SD	CD
WD51VHO	CD	CD	CD	CD	CD	CD	CD	CD	ND	SD	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	SD	CD
TW51SO (All On)	CD	CD	CD	CD	CD	CD	CD	CD	ND	SD	SD	CD	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	SD	CD
TW51HO (All On)	CD	CD	CD	CD	CD	CD	CD	CD	ND	SD	SD	CD	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	SD	CD
TW51VHO (All On)	CD	CD	CD	CD	CD	CD	CD	CD	ND	SD	SD	CD	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	SD	CD
TW51SO (1 CH)	CD	CD	CD	CD	CD	CD	CD	CD	ND	SD	SD	CD	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	SD	CD
TW51HO (1 CH)	CD	CD	CD	CD	CD	CD	CD	CD	ND	SD	SD	CD	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	SD	CD
TW51VHO (1 CH)	CD	CD	CD	CD	CD	CD	CD	CD	ND	SD	SD	CD	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	SD	CD
Transmission Percentage	114%				100%				60%				31%				53%				73%			

Use complete Dotting Chart Tool online for more dotting information

I'm also click-able

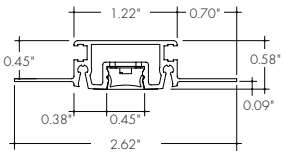


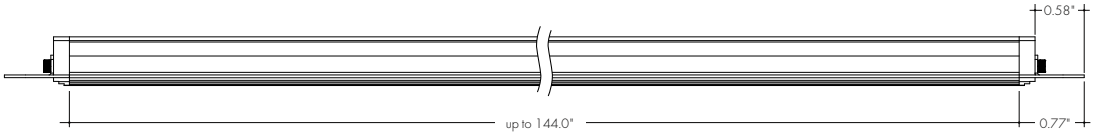
CD - Clear Dotting

SD - Slight Dotting

ND - No Dotting

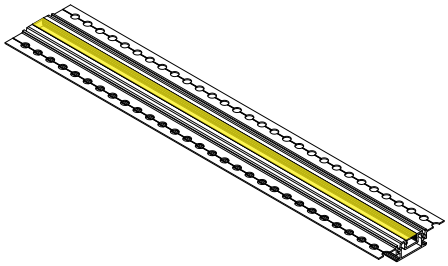
Product Dimensions





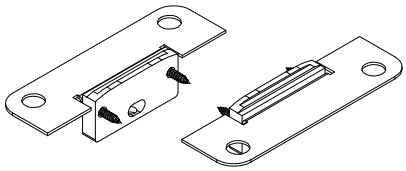
Myka Recessed Trimless System - What's Included

A - Myka Recessed Trimless Straight Extrusion



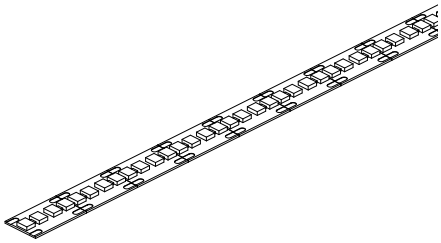
Included with Myka Trimless System, the Recessed Trimless Straight extrusion is the main architectural housing for the majority of the system run. It includes LED Strip, lens, and mounting screws. Provided in lengths of 48"/96"/144" long.

B - Myka Recessed Trimless Endcap



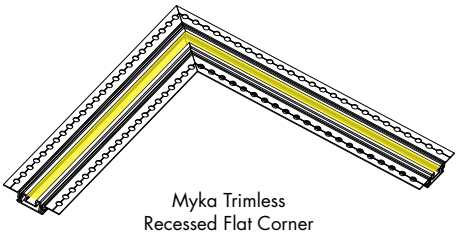
Included with the Myka Trimless System, end caps attach directly to the Myka Recessed Trimless Straight Extrusion

C - LineLED

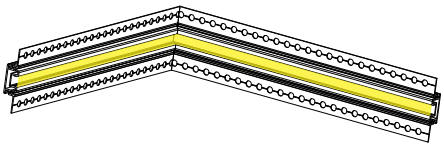


Included with Myka Recessed Trimless System, the LineLED will be split into runs based on system layout and max run length of the LED strip. By default, the LineLED will come with soldered leads (SL) on end and no connector (NC) on the other. Additonal configurations available upon request.

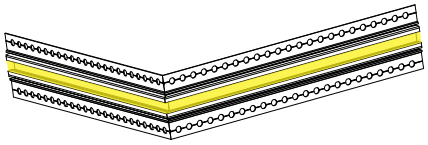
D - Myka Recessed Trimless Corner
Based on ordered Run



Myka Trimless
Recessed Flat Corner



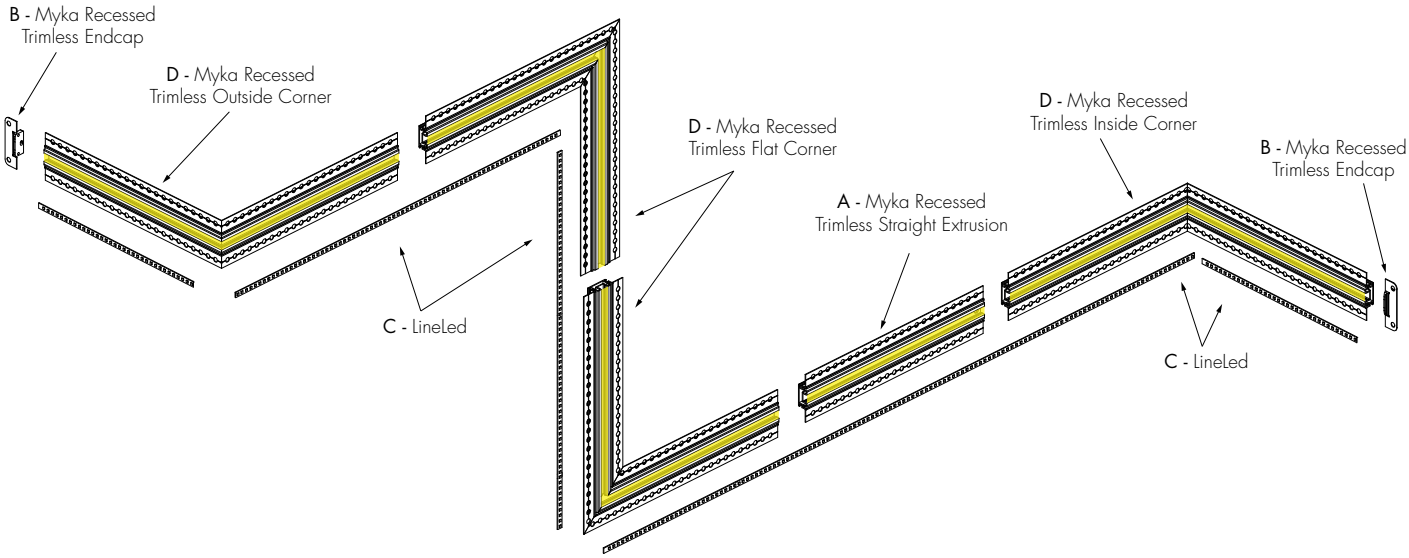
Myka Trimless
Recessed Inside Corner



Myka Trimless
Recessed Outside Corner

Includes two welded Myka Recessed Trimless extrusion pieces, two mitered lenses, two wall mount brackets, and a pair of joiners. Corners are nominally 12" x 12".

Myka Recessed Trimless System - Sample Run



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, ouput, 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

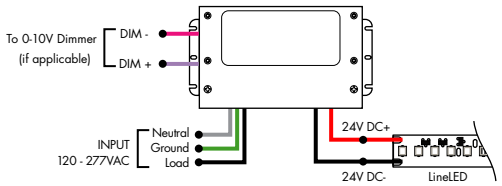
MODEL		INPUT CONTROL		WATTAGE		OUTPUT
	–		–		–	
PS - Power Supply, 120-277VAC		**UNI** - 0-10V Dimming (0.1%), Phase Dimming (0.1%)		**30** - 30 Watts **60** - 60 Watts **96** - 96 Watts **3x96** - 3x96 Watts		**24** - 24 VDC

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

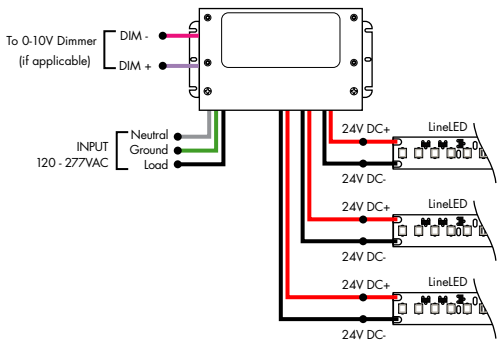
0-10V - 0.1% dimming
MLV/ELV/TRIAC - 0.1% dimming, consult dimming compatibility chart

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"

PS-UNI-30/60/96

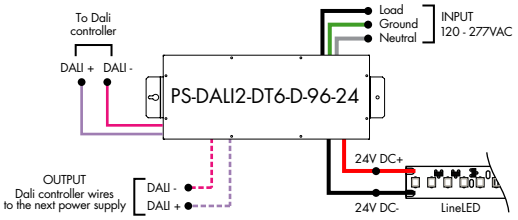


PS-UNI-3X96



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



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

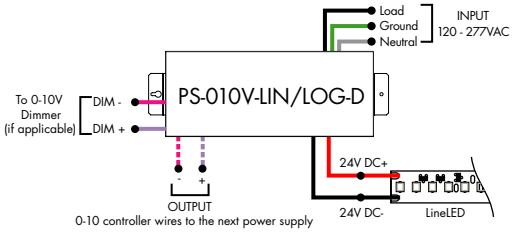
Power Supplies

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

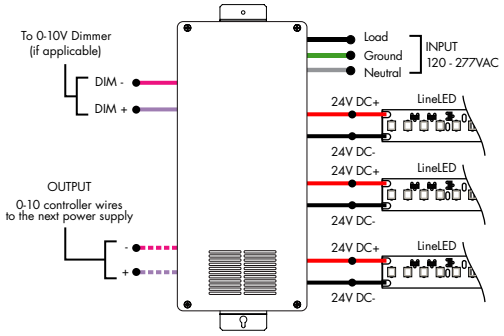
Ordering Code - 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

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
Length	14.40"	15.00"
Width	5.20"	6.62"
Depth	2.60"	4.45"

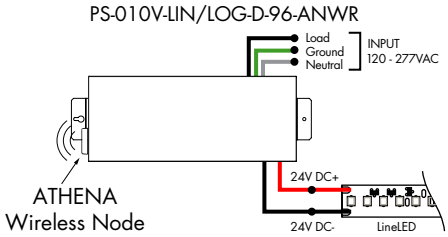
PS-010V-LIN/LOG-D-3X96



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	AWNR - Athena Wireless Node

PS-010V-LIN/LOG-D-96-ANWR



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

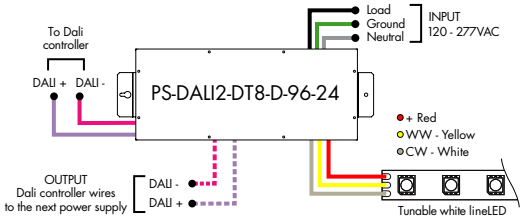
Power Supplies

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

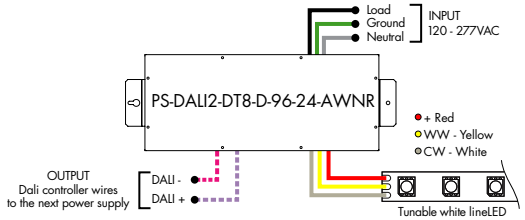
MODEL		INPUT CONTROL		ENVIRONMENT		WATTAGE		OUTPUT
	-		-		-		-	
PS - Power Supply, 120-277VAC		DALI2-DT8 - DALI DT8 Tunable White (0.1%)		D - Dry		96 - 96 Watts		24 - 24 VDC



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

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

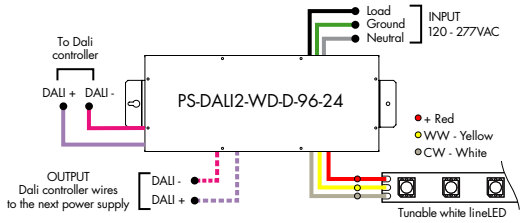
MODEL		INPUT CONTROL		ENVIRONMENT		WATTAGE		OUTPUT		FEATURE
	-		-		-		-		-	
PS - Power Supply, 120-277VAC		DALI2-DT8 - DALI DT8 Tunable White (0.1%)		D - Dry		96 - 96 Watts		24 - 24 VDC		AWNR - Athena



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"

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.

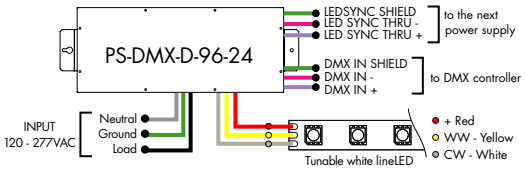
For use with Tunable White

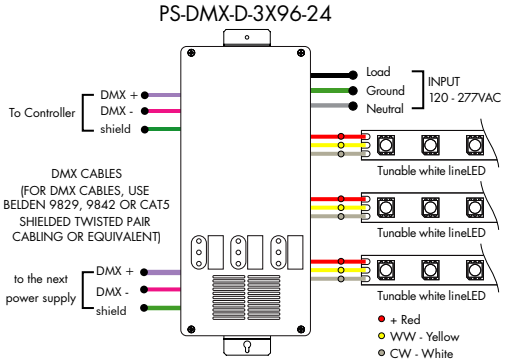
Ordering Code - DMX Dimming Power Supplies 0.1% 120VAC - 277VAC

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"

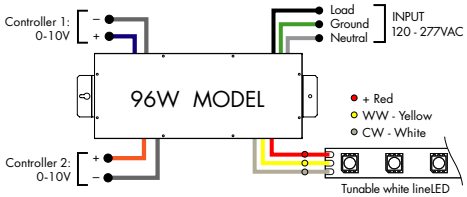
DMX CABLES
(FOR DMX CABLES, USE BELDEN 9829, 9842,OR CAT5 SHIELDED TWISTED PAIR CABLING OR EQUIVALENT)





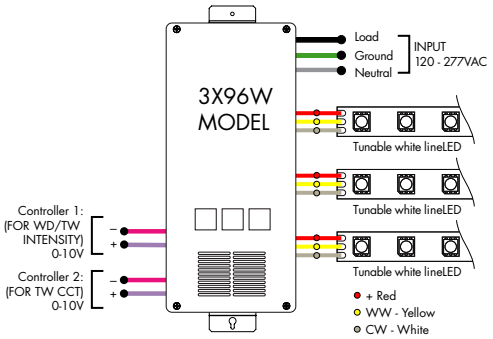
Ordering Code - VintageDim® 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

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)		D - Dry		96 - 96 Watts 3X96 - 3x96 Watts[1]		24 - 24 VDC



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

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



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 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

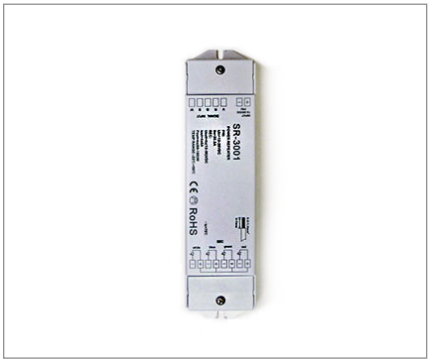
from -4°F to +122°F in case

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

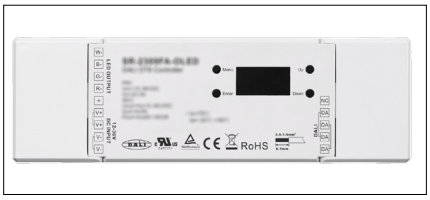
MODEL

RGBW-SR

RGBW-SR - RGBW signal repeater

Controllers and Decoders

For use with 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

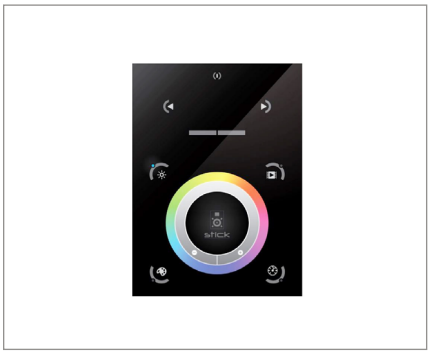
RGBW-WI-R creates a local network that enables any electronic device (phone, tablet, etc.) to control the RGB/W strip connected to a RGBW-RC-R receiver.

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



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