

5" Linear Downlight shown with Louver

Linear Downlight Features

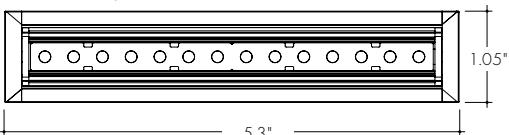
- Flawless beam quality from a unique micro-linear form factor
- Narrow 15° TIR native beam is aimable +/- 30°
- Louvers available for 15°, 30°, and 60° beams
- Snap-on optics available to easily adjust beam angle in the field
- Available in three sizes and outputs, four CCTs
- Tunable White range 1800K to 3500K
- Wall Wash optic provides even illumination starting from the top of the wall to the bottom

Finish Options

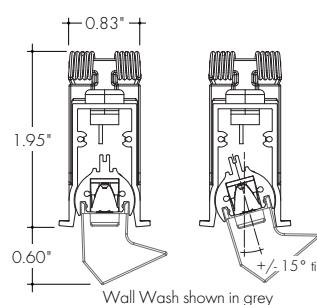
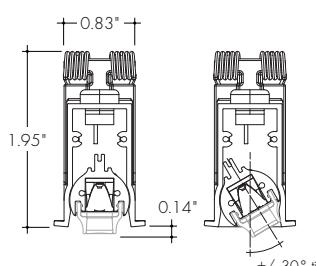
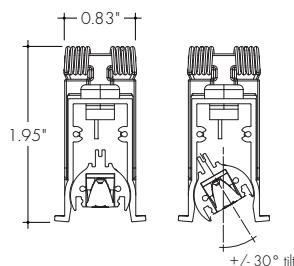
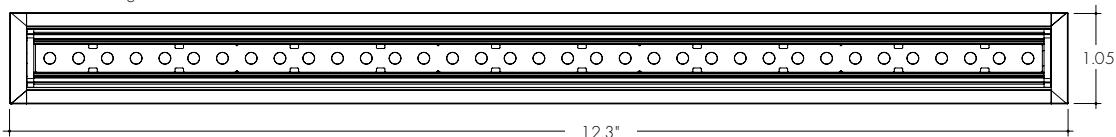
Black Painted White Painted

Profile Dimensions

5" Linear Downlight



12" Linear Downlight



5" Linear Downlight shown

Technical Information

TYPE	Stenos	
OUTPUT OPTIONS (15° Optic)	5	12
Lumen Output (all channels full on)	442 lm	1072 lm
Power Consumption	5.4 W	13.0 W
Efficacy (lm/W)	82 lm/W	82 lm/W
Peak Intensity (CBCP)	2680 cd	6919 cd

OPTIC	TRANSMISSION
15	100%
LV15	60%
LV30	65%
LV60	50%
WW	47%
LU	35%
EL	81%

CCT	TM-30			
	CRI	R _f	R _g	R ₉
1800K	95	93	99	83
3500K	94	92	99	63

Ordering Code | Linear Downlight

MODEL	LENGTH	CCT	OUTPUT	OPTIC	FINISH	
SD-Stenos Linear Downlight	5-5.3" 12-12.3"	18K35K	1800K 3500K	TWSO-Tunable White Standard	15-15° Optic LV15-15° Louver ¹ LV30-30° Optic and Louver LV60-60° Optic and Louver WW-Wall Wash Optic ² LU 15° Bullseye Louver ^{3,4} EL 15°x 45° Elliptical Lens ⁴	BK-Black WH-White

1 - LV15° Louvers reduce glare while maintaining 90% of CBCP when compared to standard 15° optic.
2 - Wall Wash Optic Not Available with SMD-3. Wall Wash Optic Only available in BK Black.
3 - LU Bullseye Louver reduces glare while maintaining 75% of CBCP.
4 - Only available in BK Black.

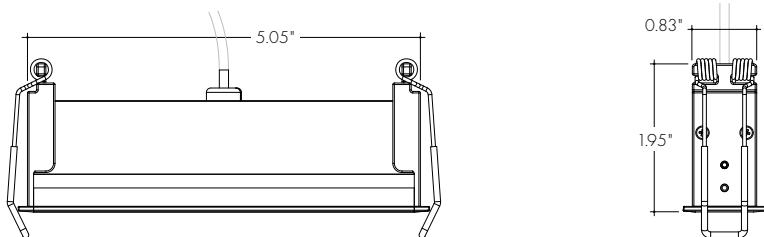
Ordering Code | Linear Downlight Accessories

MODEL	ACCESSORY	SIZE	FINISH
SAC-Stenos Accessory	LV15-15° Louver LV30-30° Optic and Louver LV60-60° Optic and Louver WW-Wall Wash Optic ¹ LU-15° Bullseye Louver ¹ EL-15°x 45° Elliptical Lens ¹	5-5.3" Linear Downlight 12-12.3" Linear Downlight	BK-Black WH-White

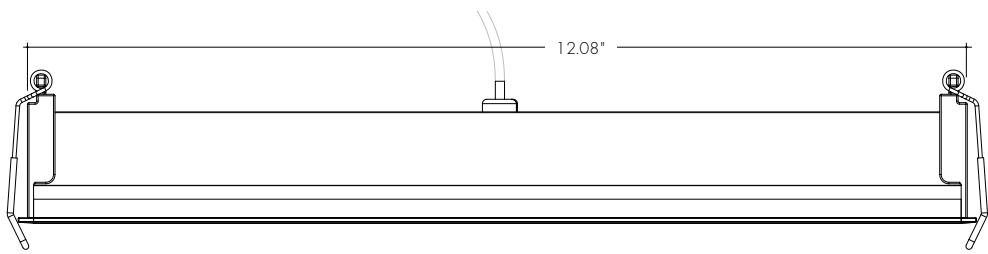
1 - WW Wall Wash Optic, LU Bullseye Louver, and EL Elliptical Lens only available in BK Black.

Linear Downlight Dimensions

SD-5



SD-12



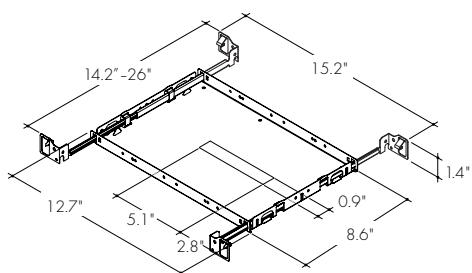
Installation Methods

Plaster Frame Bar Hanger Plate

- Galvanized steel construction with cut-out
- Hanger Bars included with PF, extendable from 14.2" to 26.0"
- RMP-12-TR trays can only be installed parallel to the ceiling joists

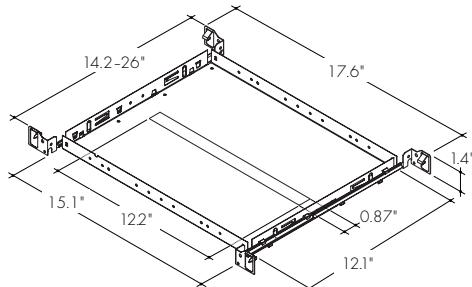
RMP-5-T-R

New Construction Pan/Plaster Frame, 5"



RMP-12-T-R

New Construction Pan/Plaster Frame, 12"

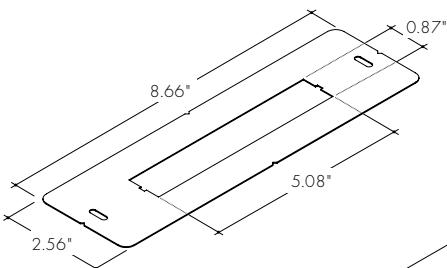


Remodel Install Plates

- Precision cutout to aid remodel installation

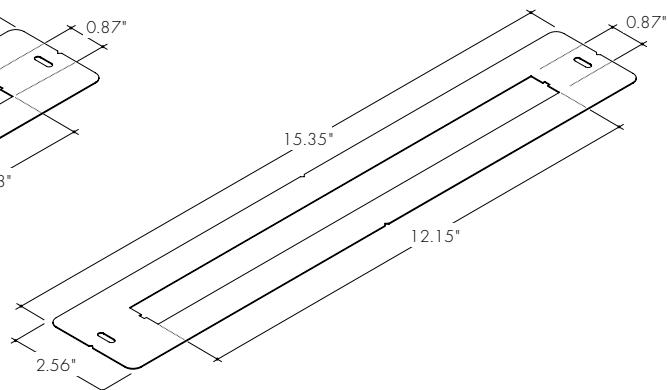
IP-SD-5

Remodel Cut-Out Template, 5"



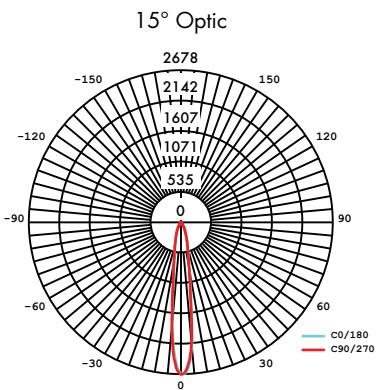
IP-SD-12

Remodel Cut-Out Template, 12"



Photometry

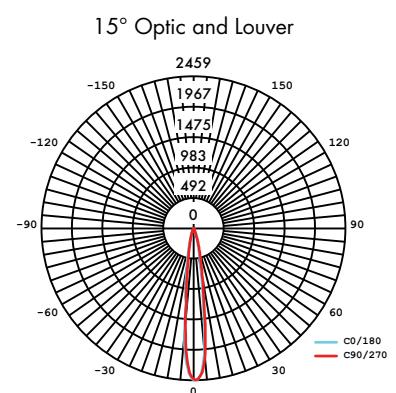
SD-5-30K-SO-15-BK/WH



SD-5-30K-SO-LV15-BK/WH



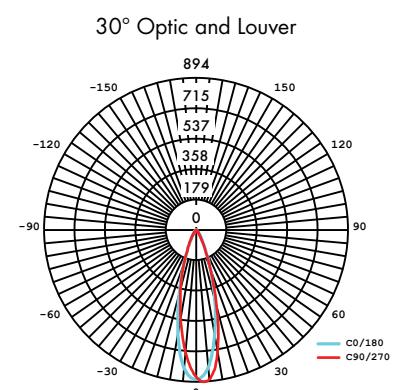
SAC-LV15-5-BK/WH



SD-5-30K-SO-LV30-BK/WH



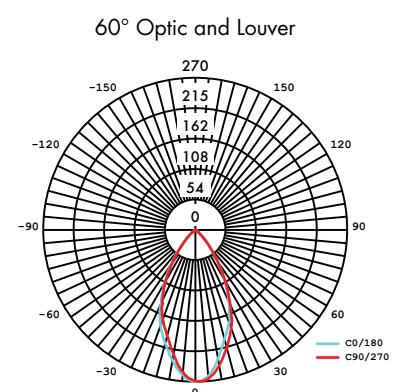
SAC-LV30-5-BK/WH



SD-5-30K-SO-LV60-BK/WH



SAC-LV60-5-BK/WH



Photometry

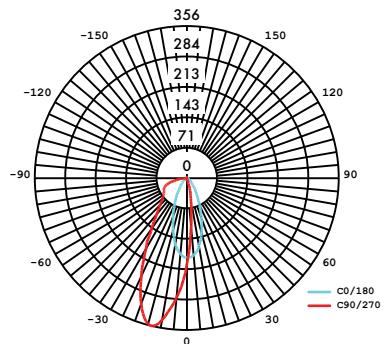
SD-5-30K-SO-WW-BK



SAC-WW-5-BK



5" Wall Wash



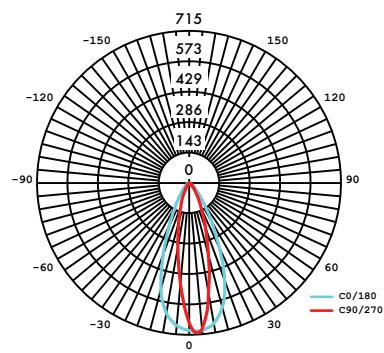
SD-5-30K-SO-EL-BK



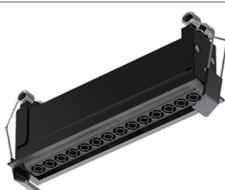
SAC-EL-5-BK



5" Elliptical Lens



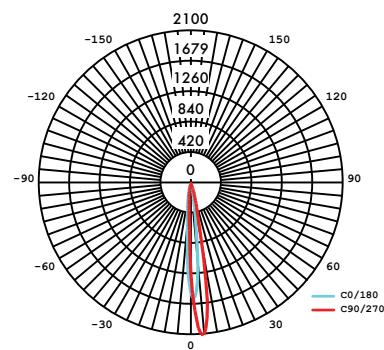
SD-5-30K-SO-LU-BK



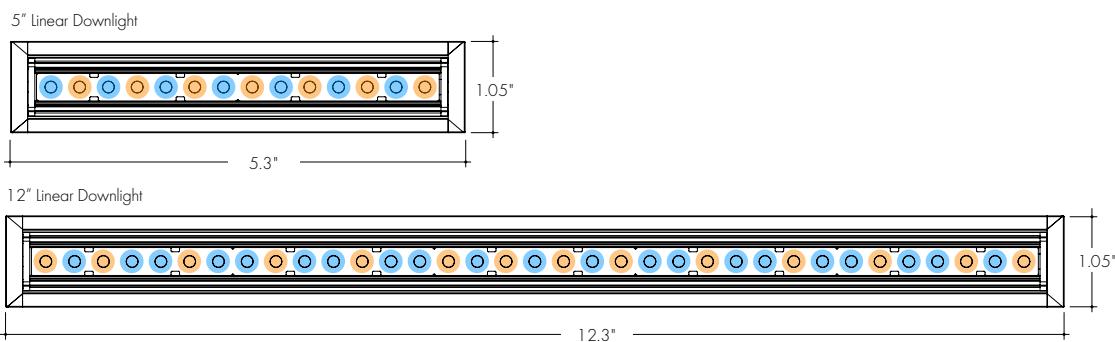
SAC-LU-5-BK



5" Bullseye Louver

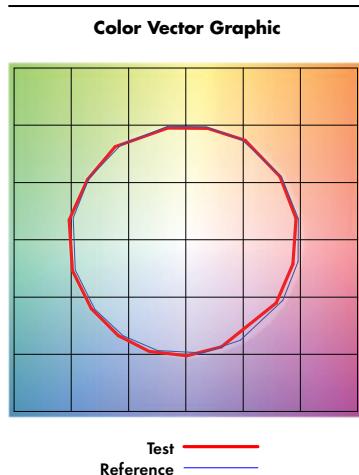


LED Arrangement



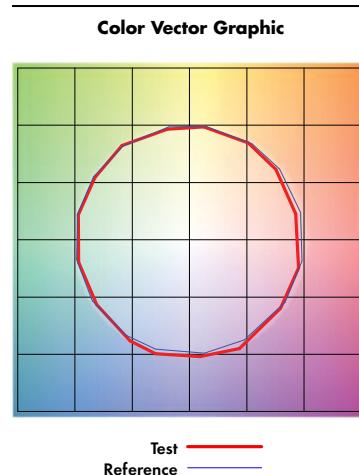
TM-30-15-Data

18K CCT



Graphic Shifts (%)			
Hue Bin	Rf	Chroma	Hue
1	94.8	-1.8%	0.7%
2	95.7	-0.8%	0.8%
3	94.5	1.2%	-2.4%
4	95.9	-1.1%	-1.8%
5	95.7	-1.4%	0.3%
6	93	1.6%	5.0%
7	97.2	0.3%	1.6%
8	93.7	3.0%	2.2%
9	95.1	2.4%	0.0%
10	94.2	2.2%	-2.0%
11	93	2.3%	-3.4%
12	88.1	2.1%	-7.1%
13	83.2	-0.1%	-13.9%
14	83	-4.5%	-16.9%
15	90.6	-3.6%	-4.9%
16	90.9	-4.0%	-3.0%

35K CCT



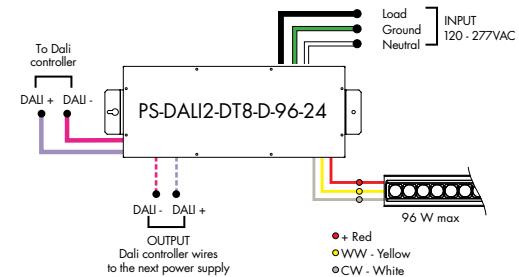
Graphic Shifts (%)			
Hue Bin	Rf	Chroma	Hue
1	90.9	-4.5%	-0.4%
2	93.4	-2.7%	1.7%
3	92.4	-1.2%	3.2%
4	95.7	-0.9%	1.2%
5	94.8	-1.6%	1.4%
6	96.9	1.0%	0.4%
7	95.8	-1.5%	-0.3%
8	97.3	-0.6%	0.9%
9	94.9	-1.4%	2.5%
10	91.4	-1.3%	4.7%
11	89.2	2.3%	5.9%
12	90.0	4.0%	0.7%
13	92.5	2.2%	-4.2%
14	88.2	3.6%	-7.8%
15	89.0	-0.5%	-6.6%
16	87.4	-1.6%	-6.6%

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.

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

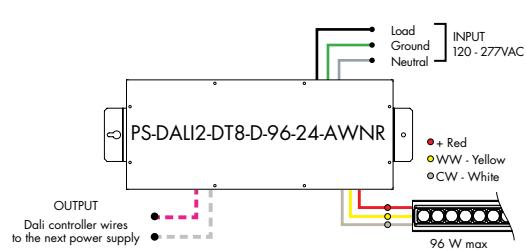
MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	DALI2-DT8 - DALI DT8 Tunable White (0.1%)	D - Dry	96 - 96 Watts	24 - 24 VDC



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

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

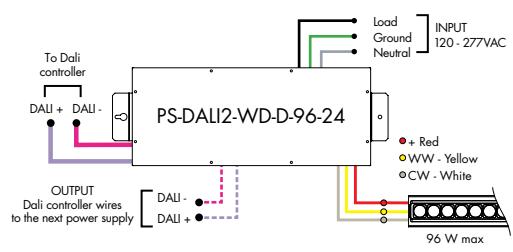
MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE
PS - Power Supply, 120-277VAC	DALI2-DT8 - DALI DT8 Tunable White (0.1%)	D - Dry	96 - 96 Watts	24 - 24 VDC	AWNR - Athena



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

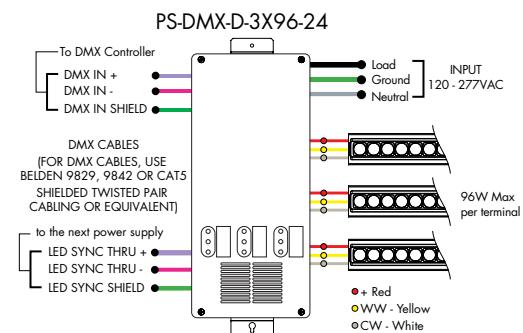
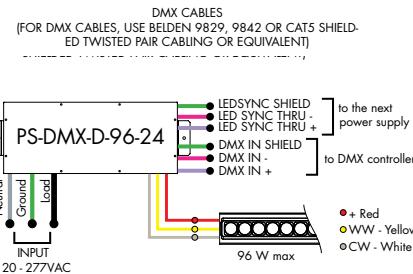


MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"

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

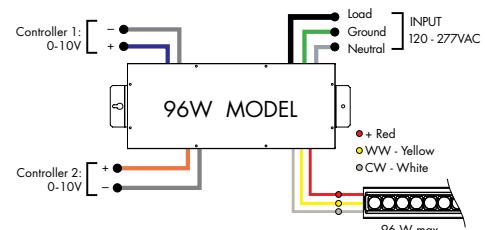
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

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

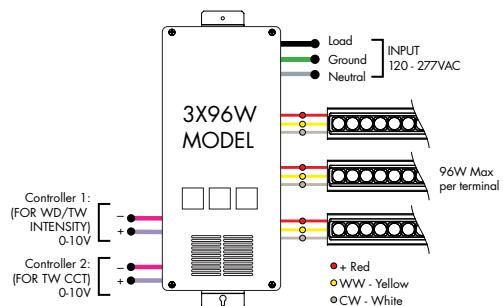
MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	010V-WD - 0 - 10V Dimming (0.1%), Standard Warm Dim Curve (with Tunable White LED)	D - Dry	96 - 96 Watts 3X96 - 3x96 Watts ¹	24 - 24 VDC
	010V-TW - 0 - 10V Dimming (0.1%), Two Channel Control, Brightness and CCT1-CCT2 Ratio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

¹ - 3x96 is only available with input control options 010VWD and 010VTW

2 - Athena only available on 96 watts option

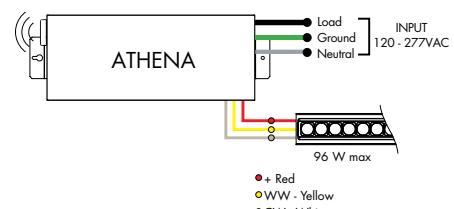


MODELS	96W	3X96
Length	14.40"	15.00"
Width	5.20"	6.62"
Depth	2.60"	4.56"

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

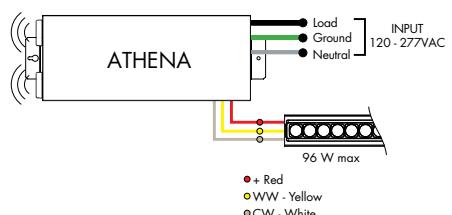
MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE
PS - Power Supply, 120-277VAC	010V-WD - 0 - 10V Dimming, Standard Warm Dim Curve (with Tunable White LED)	D - Dry	96 - 96 W	24 - 24 VDC	AWNR - Athena

MODELS	96W
Length	14.40"
Width	5.20"
Depth	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	AWNR - Athena

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



Controllers and Decoders



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



ORDERING CODE



MODEL

DDMX-RGBW

DDMX-RGBW - DMX decoder

Translates controller DMX512 programs for RGB and white LED strips.

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

Use power repeater to expand output.

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

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-SR

RGBW-SR - RGBW signal repeater

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

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

Operating Voltage

12-36 VDC

Power Capacity

up to 96W at 24V

Operating Temperature Range

from -4°F to +122°F in case

Controllers and Decoders

For use with Tunable White, RGB/RGBW 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



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

Ambient Operating Temperature Range
-20 to 50 °C

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

Environment
Dry (IP20)

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



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

PWM Output Resolution Ratio

8 or 16 bit

Inputs

RJ45, XLR-5Pin, Terminal Block

PWM Output Frequency

500Hz - 30KHz

DMX Channels

1 to 5 settable

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 RGBW/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

Operating Temperature Range

from -4°F to +122°F in case

Power Supply

PI-130-24 (included)