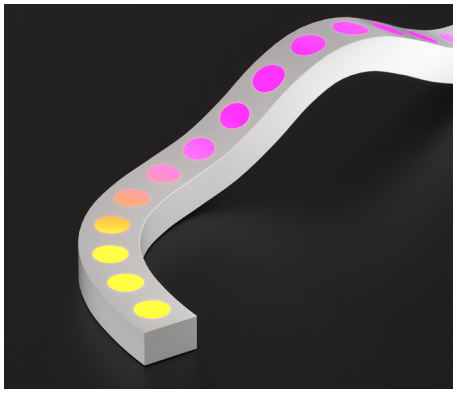
Kurba Grazer 3D™ Dynamic Color | Field Bendable 24V System

optic arts by luminii



Features

Kurba Grazer 3D™ is a wall grazing, energy efficient and flexible LED strip suitable for wet locations capable of vertical/top bends down to 8" radius and Horizontal/side bends up down 16" radius . The silicone material offers excellent heat, weather, UV, and solvent resistance and has a special coating to repel dust and dirt accumulation.

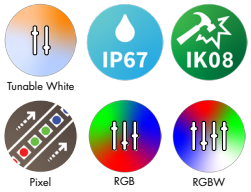
Output Options

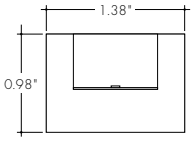
- Tunable White allows individual control of CCT and output
- RGB options offer balanced output across the color gamut and a true white with RGBW
- Smart Pixel offerings allow for infinite color combinations with cascading and chasing effects

Average Life (L70)
50,000 hours

Approvals
24VDC Class 2 wet listed, IP67

Warranty
5 years





Finish Options

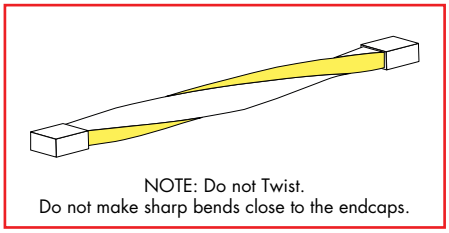
White ■ Black

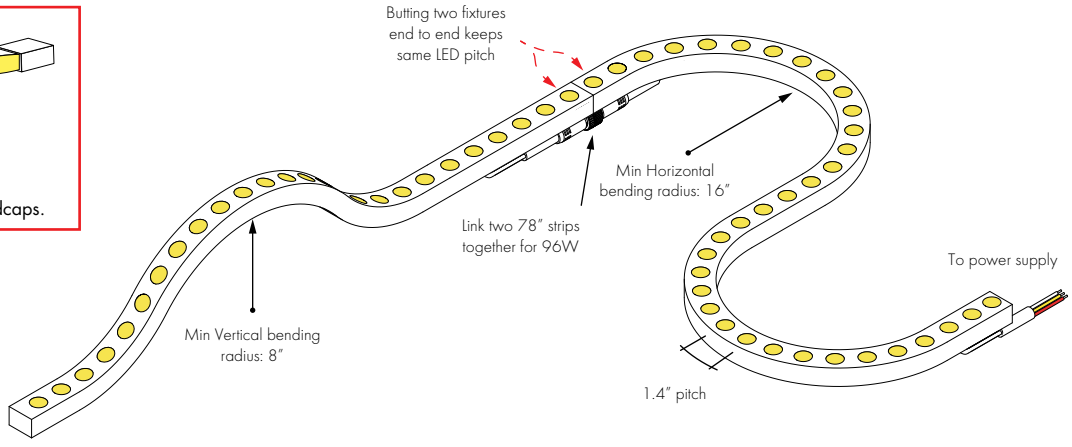
RoHS Declare.
cULus LISTED CE DIM

Technical Information

Finish Option	White				Black			
Output	TW9SO	RGB9SO	RGBW9SO	SPI9SO	TW9SO	RGB9SO	RGBW9SO	SPI9SO
Light Output at (All On)	552 lm/ft	237 lm/ft	280 lm/ft	256 lm/ft	476 lm/ft	201 lm/ft	237 lm/ft	212 lm/ft
Average Power Consumption at 4'	7.32 W/ft	7.32 W/ft	7.32 W/ft	7.32 W/ft	7.32 W/ft	7.32 W/ft	7.32 W/ft	7.32 W/ft
Efficacy	75 lm/W	32 lm/W	38 lm/W	35 lm/W	65 lm/W	27 lm/W	32 lm/W	29 lm/W
Ordering Increment	9.84"	9.84"	9.84"	9.84"	9.84"	9.84"	9.84"	9.84"
Maximum Run Length (In Series)	156"	156"	156"	156"	156"	156"	156"	156"
Operating Temperature Range	-40°F to 131°F	-40°F to 131°F	-40°F to 131°F	-40°F to 113°F	-40°F to 131°F	-40°F to 131°F	-40°F to 131°F	-40°F to 113°F
Control/Dimming Protocol	0–10V, DMX, DALI-DT8	DMX	DMX	SPI Protocol UCS 2904	0–10V, DMX, DALI-DT8	DMX	DMX	SPI Protocol UCS 2904

Constraints





Ordering Code

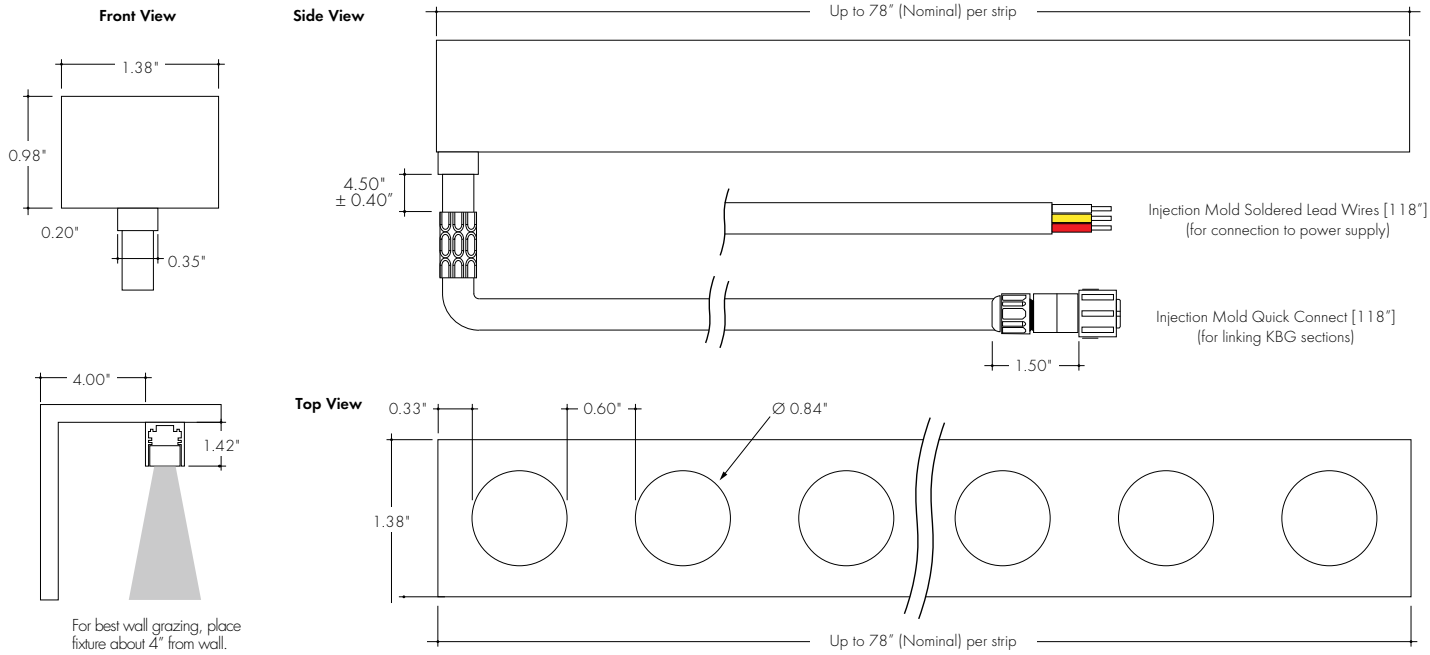
MODEL[1]	BEND DIRECTION	LENGTH	OUTPUT	CCT	CRI	LENS[2]	MOUNTING	FINISH	FEED POSITION LEFT	FEED POSITION RIGHT
KBG-W - Kurba Grazer 3D™ Wet	3D - 3D Bending	SEE PCC CHART ON PAGE 5	TW9SO - Tunable White, Standard Output	27K65K - 2700K-6500K	R80 - 80 CRI	20X20 - Grazer (20°) 20X30 - Elliptical Beam (20°x30°) 20X50 - Elliptical Beam (20°x50°) 40X40 - Elliptical Beam (40°x40°)	NA - See Page 3 for orderable mounting accessories	WH - White BK - Black	INJECTION MOLD[3] IMB - Back Wire Feed[4] NPF - No Power Feed[5] QUICK CONNECT IMFB - Back Female QC[6] IMMB - Back Male QC[6] NPF - No Power Feed[5]	INJECTION MOLD[3] IMB - Back Wire Feed[4] NPF - No Power Feed[5] QUICK CONNECT IMFB - Back Female QC[6] IMMB - Back Male QC[6] NPF - No Power Feed[5]
			RGB9SO - RGB, Standard Output	RGB - Red, Green, Blue						
			RGBW9SO - RGBW, Standard Output	RGB30K - RGB 3000K						
			SPI9SO - Smart Pixel Control, Standard Output	RGB30K - RGB 3000K						

Feeds come with 118" wire leads

1 - Please note, lead time is 8-10 weeks for KBG
2 - 40X40 lens option only available with RGB9SO, RGBW9SO, & SPI9SO outputs. RGB9SO, RGBW9SO, & SPI9SO outputs must use 40X40 lens option
3 - Injection Mold Soldered Wire Feeds (IMB) come with 118" wire leads
4 - Order IMB (Injection Mold Soldered Lead Wires) when connecting KBG to power supply.
5 - NPF-NPF for Feed Position 1&2 is not a valid configuration option
6 - Order IMFB (Female Q/C) and IMMB (Male Q/C) when joining multiple KBG fixtures

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

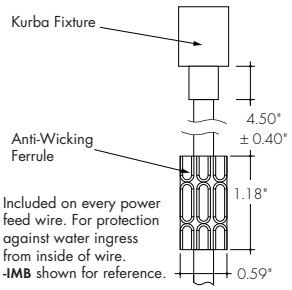
Product Dimensions



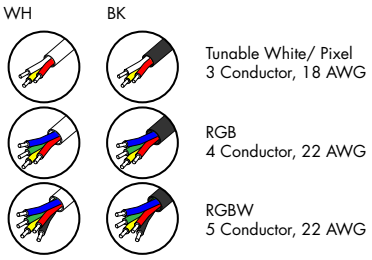
Note: Each 78" Kurba Grazer 3D™ section is 48W. Two 78" Kurba Grazer 3D™ strips may be joined together in series up to 156" for a continuous run.

Linking and Extension Cable Options

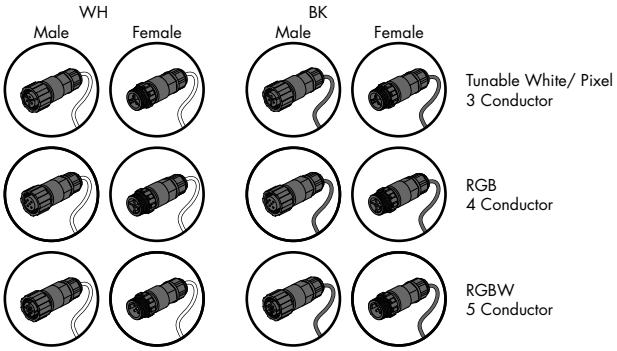
ANTI-WICKING FERRULE
Included on every power feed wire



POWER FEED OPTIONS
Feeds come wtih 118" Injection Mold wire leads



POWER FEED OPTIONS
Feeds come wtih 118" Quick Connect wire leads



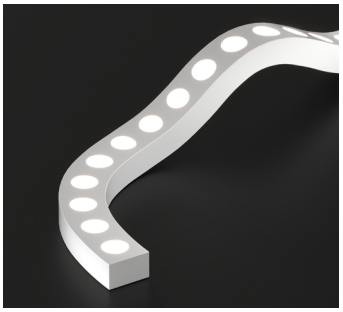
Please note, Power Feed Finish will match Kurba Fixture Finish

Finish Options

- A wide variety of finish options allowing complete customization of style and aesthetic.

Basic Option

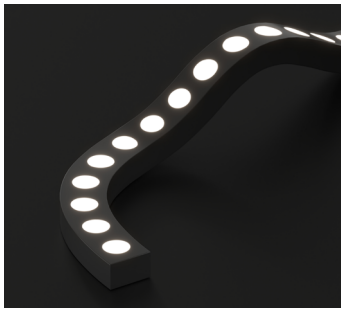
White



Kurba's base finish is a crisp white which brings a timeless, clean aesthetic that brightens and enhances any space

Premium Option

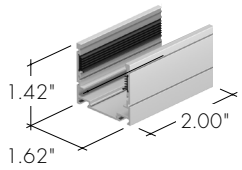
Black



Black is a dark, pitch-black with a soft flat finish. This finish brings a bold, modern look, adding a touch of cosmic elegance to any space.

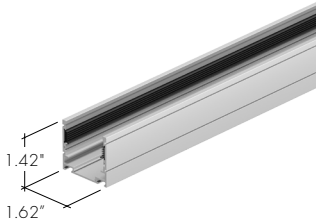
Mounting Accessories and Optional Connectors

MC-KBG-SAP-SM-2-SA
KBG Mounting Channel, Serrated Aluminum Profile, Surface Mount, 2in x 1.4in tall. Silver Anodized



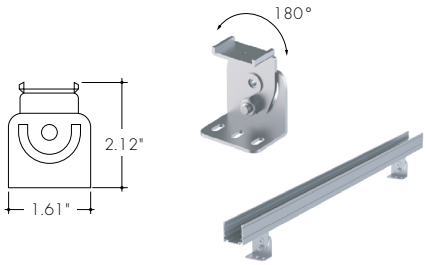
Aluminum mounting channel providing grip. For use with light strip mounted to the ceiling.

MC-KBG-SAP-SM-78-SA
KBG Mounting Channel, Serrated Aluminum Profile, Surface Mount, 78in x 1.4in tall, Silver Anodized



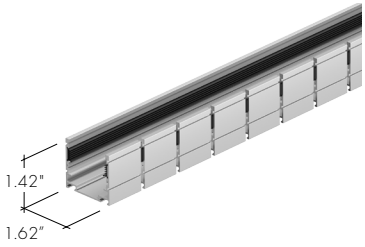
Aluminum mounting channel providing grip. For use with light strip mounted to the ceiling.

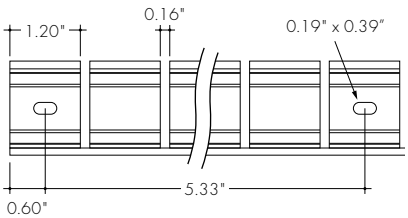
MB-KBG-ADJ-SS
KBG Adjustable Mounting Bracket, Stainless Steel, 180° of rotation



Note: Rotation angle restricted if the bracket is applied to a bending extrusion profile. Recommended to only use on straight mounting channel for full rotation.
1 recommended every foot.

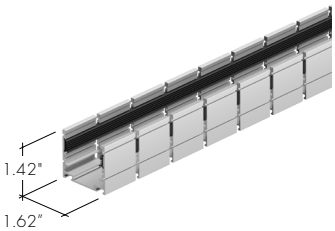
MC-KBG-BSAP-HB-SM-38-SA
KBG Mounting Channel, Bendable Serrated Aluminum Profile, Horizontal Bending, Surface Mount, 38in, Silver Anodized

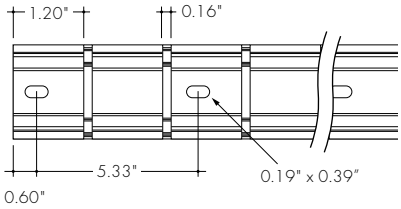




Aluminum mounting channel providing grip. For use with light strip mounted to the ceiling.
NOTE: HB - Horizontal Bending Only

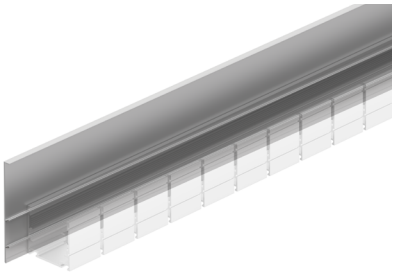
MC-KBG-BSAP-VB-SM-38-SA
KBG Mounting Channel, Bendable Serrated Aluminum Profile, Vertical Bending, Surface Mount, 38in, Silver Anodized

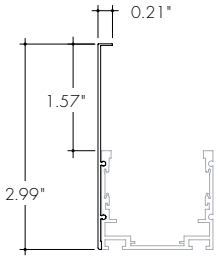




Aluminum mounting bracket providing grip. For use with light strip mounted to the ceiling.
NOTE: VB - Vertical Bending Only

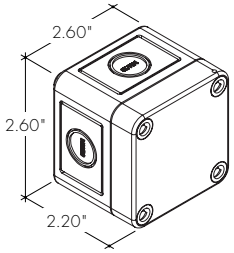
MC-KBG-BGS-HB-78-SA
KBG Bendable Glare Shield, Horizontal Bending, 78in, Silver Anodized



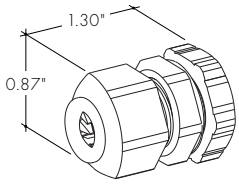


Attaches to Mounting profiles, cannot be used on its own. 24" bending radius.
NOTE: Not compatible with **VB** - Vertical Bending

LVSP-WET
Splice box: wet rated, low voltage, gray, IP66

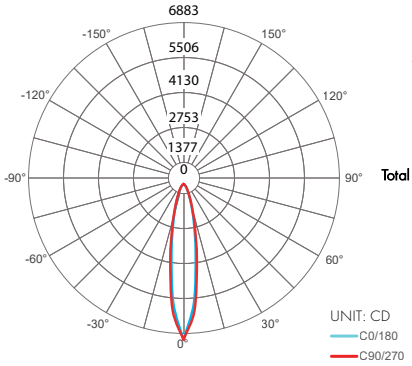


LVSP-WET-CM
Connector for splice box, low voltage for cable management, gray



Photometry

KBG-W-3D-48-TW9SO-27K65K-20X20-NA-WH
Kurba Grazer 3D, 4ft, 2700K - 6500K, 20° Grazer Lens

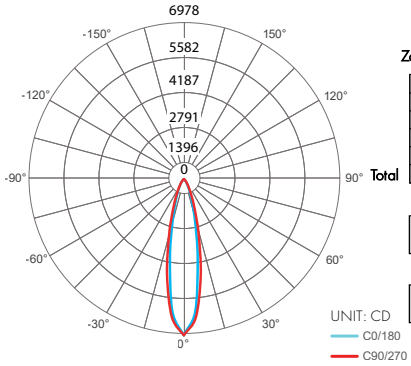


Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	385	69.7%
0-40	427	77.3%
0-60	518	93.8%
0-90	549	99.4%
Total 0-180	552	100.0%

Beam Angle: 25°

KBG-W-3D-48-TW9SO-27K65K-20X30-NA-WH
Kurba Grazer 3D, 4ft, 2700K - 6500K, 20°X30° Elliptical Lens

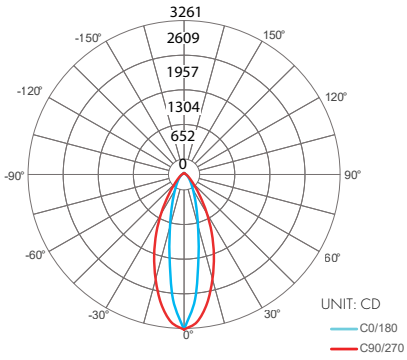


Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	399	72.3%
0-40	440	79.8%
0-60	523	94.7%
0-90	549	99.4%
Total 0-180	552	100.0%

Axial Beam Angle: 21°
Transversal Beam Angle: 29°

KBG-W-3D-48-TW9SO-27K65K-20X50-NA-WH
Kurba Grazer 3D, 4ft, 2700K - 6500K, 20°X50° Elliptical Lens

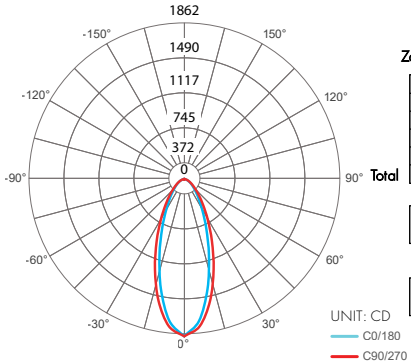


Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	325	58.9%
0-40	383	69.4%
0-60	510	92.4%
0-90	549	99.4%
Total 0-180	552	100.0%

Axial Beam Angle: 27°
Transversal Beam Angle: 52°

KBG-W-3D-48-RGBWW9SO-RGB30K-40X40-NA-WH
Kurba Grazer 3D, 4ft, RGB-3000K, 40°X40° Elliptical Lens



Zonal Lumen Summary 3000K

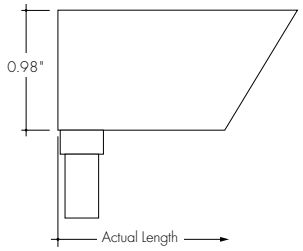
Zone	Lumen	% Fixture
0-30	645	57.6%
0-40	763	68.1%
0-60	1030	92.0%
0-90	1114	99.5%
Total 0-180	1120	100.0%

Axial Beam Angle: 38°
Transversal Beam Angle: 43°

TW9SO | Power Consumption Per Fixture Length

Based on operation with PDCU series of power supplies. Use Acutal Length for Order Code Entry.
Tolerance for Actual Lengths less than 6 ft is +/- 0.2", Actual Lengths between 6 ft and 16 ft is +/- 0.3", and Actual Lengths greater than 16 ft is +/- 0.6"
A - Back Connector at one end of Kurba and No Connector at other end of Kurba (0.16" + 0.08" added to overall length)
B - Back Connector at both ends of Kurba (0.20" + 0.20" added to overall length)

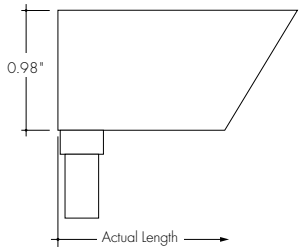
		Actual Length (in)	
Nominal Length (in)	W	A	B
10	6.1	**10.1**	**10.2**
20	12.1	**19.9**	**20.0**
30	24.4	**29.8**	**29.8**
40	24.2	**39.6**	**39.7**
50	30.2	**49.5**	**49.5**
60	36.2	**59.3**	**59.4**
69	42.2	**69.1**	**69.2**
79	48.2	**79.0**	**79.1**



RGB9SO | Power Consumption Per Fixture Length

Based on operation with PDCU series of power supplies. Use Acutal Length for Order Code Entry.
Tolerance for Actual Lengths less than 6 ft is +/- 0.2", Actual Lengths between 6 ft and 16 ft is +/- 0.3", and Actual Lengths greater than 16 ft is +/- 0.6"
A - Back Connector at one end of Kurba and No Connector at other end of Kurba (0.16" + 0.08" added to overall length)
B - Back Connector at both ends of Kurba (0.20" + 0.20" added to overall length)

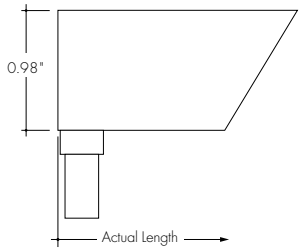
		Actual Length (in)	
Nominal Length (in)	W	A	B
10	6.1	**10.1**	**10.2**
20	12.1	**19.9**	**20.0**
30	24.4	**29.8**	**29.8**
40	24.2	**39.6**	**39.7**
50	30.2	**49.5**	**49.5**
60	36.2	**59.3**	**59.4**
69	42.2	**69.1**	**69.2**
79	48.2	**79.0**	**79.1**



RGBW9SO | Power Consumption Per Fixture Length

Based on operation with PDCU series of power supplies. Use Acutal Length for Order Code Entry.
Tolerance for Actual Lengths less than 6 ft is +/- 0.2", Actual Lengths between 6 ft and 16 ft is +/- 0.3", and Actual Lengths greater than 16 ft is +/- 0.6"
A - Back Connector at one end of Kurba and No Connector at other end of Kurba (0.16" + 0.08" added to overall length)
B - Back Connector at both ends of Kurba (0.20" + 0.20" added to overall length)

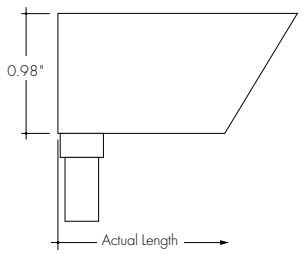
		Actual Length (in)	
Nominal Length (in)	W	A	B
10	6.1	**10.1**	**10.2**
20	12.1	**19.9**	**20.0**
30	24.4	**29.8**	**29.8**
40	24.2	**39.6**	**39.7**
50	30.2	**49.5**	**49.5**
60	36.2	**59.3**	**59.4**
69	42.2	**69.1**	**69.2**
79	48.2	**79.0**	**79.1**



SPI9SO | Power Consumption Per Fixture Length

Based on operation with PDCU series of power supplies. Use Acutal Length for Order Code Entry.
Tolerance for Actual Lengths less than 6 ft is +/- 0.2", Actual Lengths between 6 ft and 16 ft is +/- 0.3", and Actual Lengths greater than 16 ft is +/- 0.6"
A - Back Connector at one end of Kurba and No Connector at other end of Kurba (0.16" + 0.08" added to overall length)
B - Back Connector at both ends of Kurba (0.20" + 0.20" added to overall length)
NOTE: There are 7 LEDS per Pixel.

		Actual Length (in)		
Nominal Length (in)	W	A	B	Pixel Qty
10	6.1	**10.1**	**10.2**	1
20	12.1	**19.9**	**20.0**	2
30	24.4	**29.8**	**29.8**	3
40	24.2	**39.6**	**39.7**	4
50	30.2	**49.5**	**49.5**	5
60	36.2	**59.3**	**59.4**	6
69	42.2	**69.1**	**69.2**	7
79	48.2	**79.0**	**79.1**	8



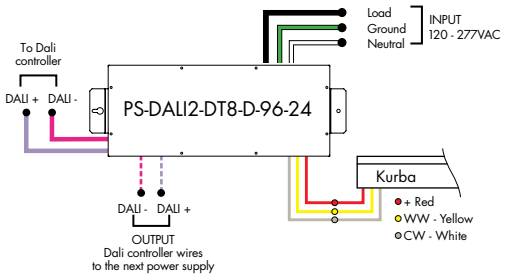
Power Supplies

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

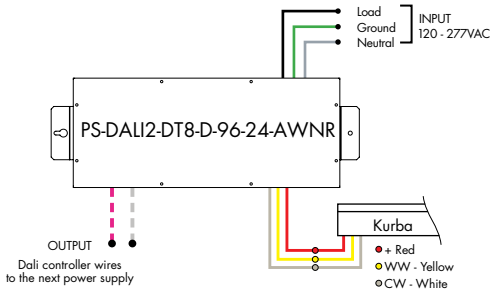
MODEL		INPUT CONTROL		ENVIRONMENT		WATTAGE		OUTPUT
	-		-		-		-	
PS - Power Supply, 120-277VAC		DALI2-DT8 - DALI DT8 Tunable White (0.1%)		D - Dry		96 - 96 Watts		24 - 24 VDC



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

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

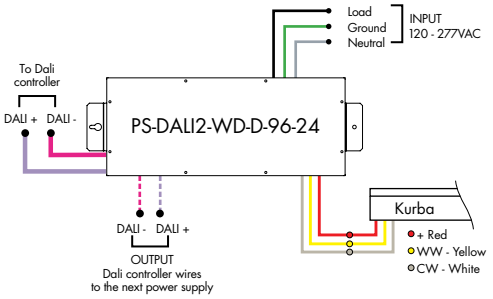
MODEL		INPUT CONTROL		ENVIRONMENT		WATTAGE		OUTPUT		FEATURE
	-		-		-		-		-	
PS - Power Supply, 120-277VAC		DALI2-DT8 - DALI DT8 Tunable White (0.1%)		D - Dry		96 - 96 Watts		24 - 24 VDC		AWNR - Athena



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.

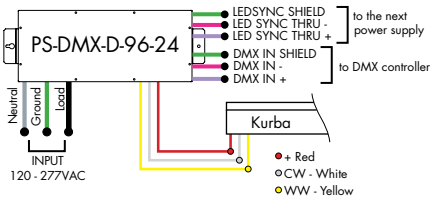
For use with Tunable White

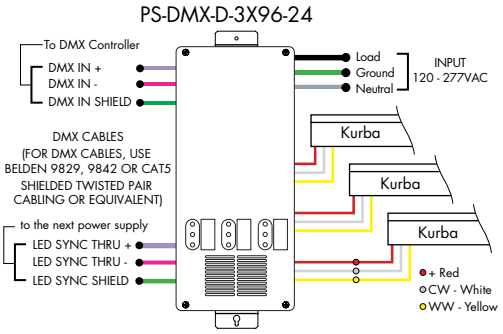
Ordering Code - DMX Dimming Power Supplies 0.1% 120VAC - 277VAC

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)



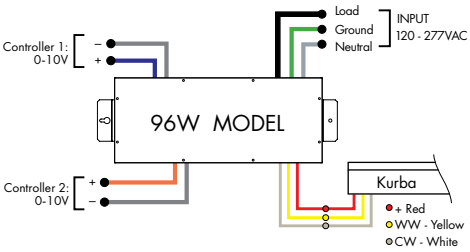


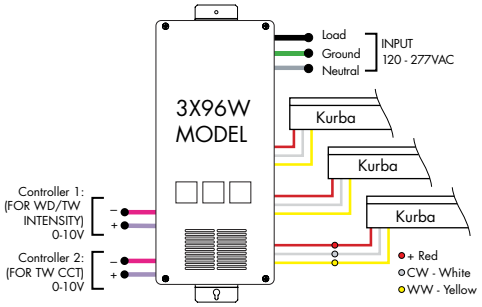
Ordering Code - VintageDim® 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

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"





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

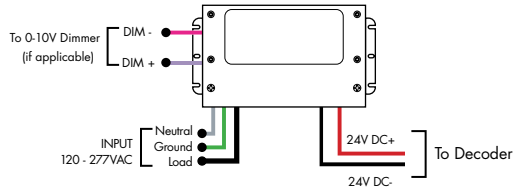
Ordering Code - Universal Dimming Power Supplies 0.1% 120VAC - 277VAC

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

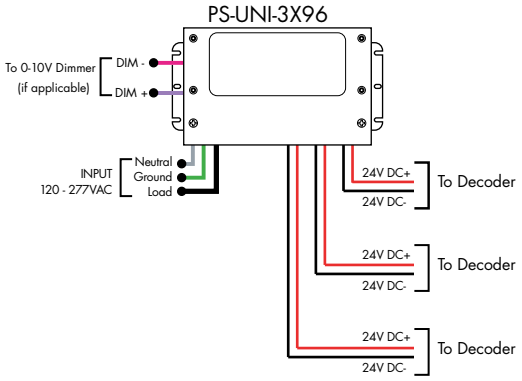
MODELS	PS-UNI-30W	PS-UNI-60W	PS-UNI-96W	PS-UNI-3X96W
Length	6.50"	7.40"	8.66"	11.85"
Width	3.73"	3.73"	3.73"	4.32"
Depth	1.61"	1.61"	1.61"	1.81"

REQUIRES A CONTROLLER AND A DECODER TO WORK PROPERLY

PS-UNI-30/60/96



PS-UNI-3X96



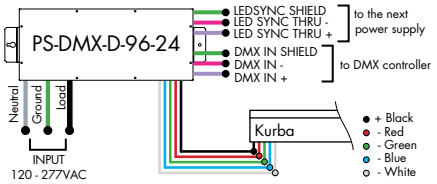
For use with RGB/RGBW

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

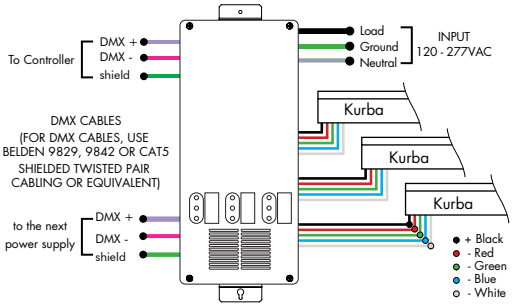
MODEL		INPUT CONTROL		ENVIRONMENT		WATTAGE		OUTPUT
	-		-		-		-	
PS - Power Supply, 120-277VAC		DMX - DMX (0.1%)		D - Dry		96 - 96 Watts 3X96 - 3X96 Watts		24 - 24 VDC

MODELS	96W	3X96
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)



PS-DMX-D-3X96-24



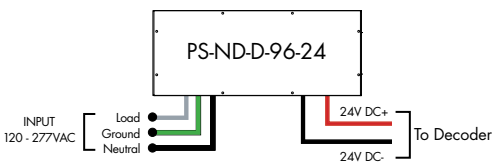
For use with RGB/RGBW/Pixel

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
Length	14.40"
Width	5.20"
Depth	2.60"

PS-ND-D-96-24



REQUIRES A CONTROLLER AND A DECODER TO WORK PROPERLY

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

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

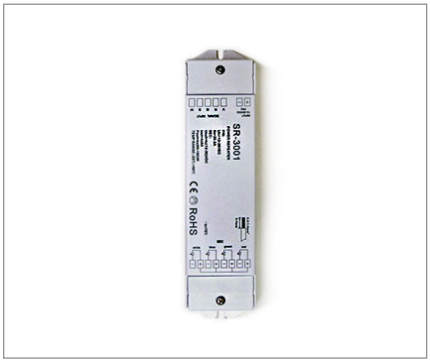
from -4°F to +122°F in case

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 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

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

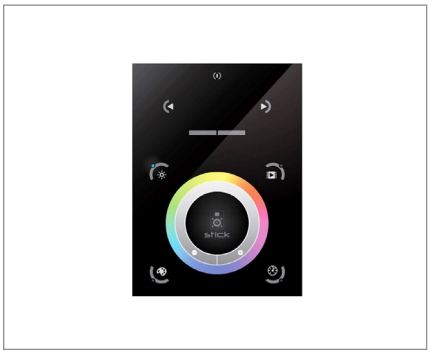
Operating Voltage

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

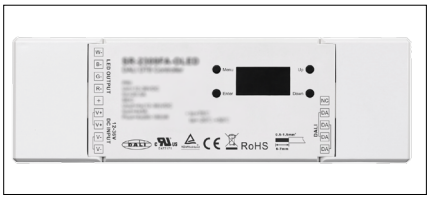
DMX512 (1024 channels)

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.

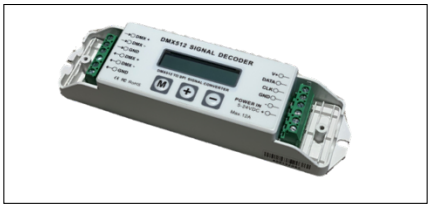
The control functions are achieved through a free application download for Android and iOS devices called REALCOLOR.

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