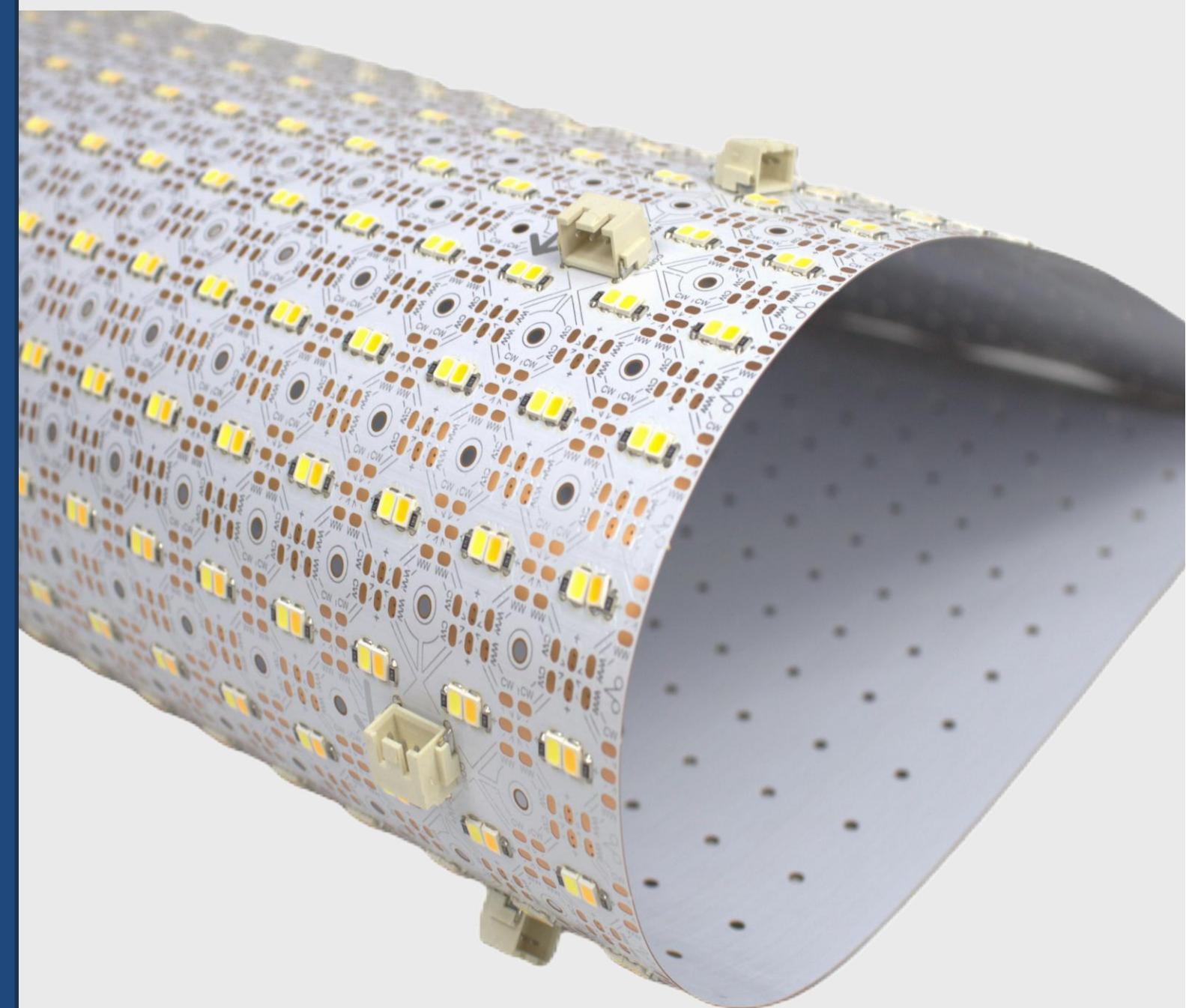
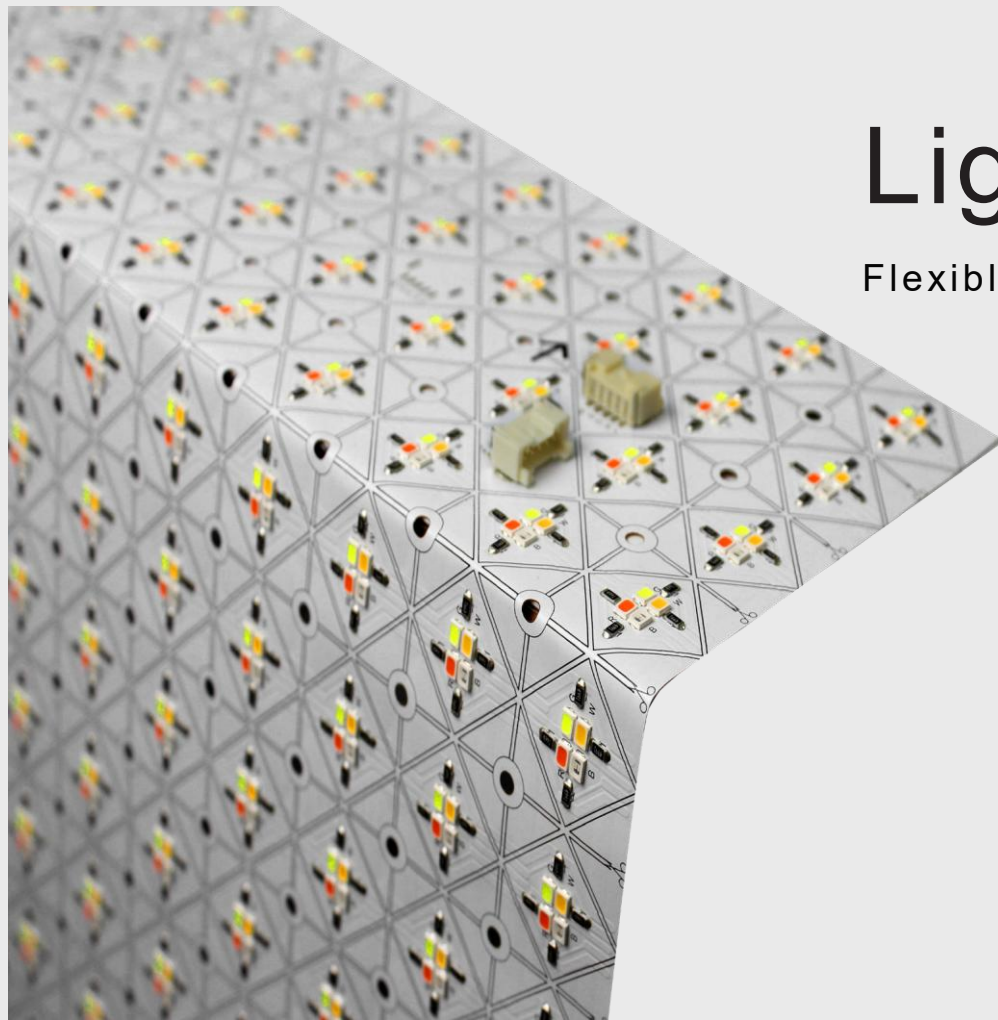


# Flexible LED Sheets

Light that bends  
and flows with your  
imagination.





# LightWave®

Flexible LED Sheet

Bring your ideas to life with LightWave® sheets — lighting that flows with your imagination.

Flexible and simple to install, this light sheet creates smooth, even backlighting across any space. With its adhesive backing, you can simply stick, shape, and shine.

## VERSATILE DESIGN

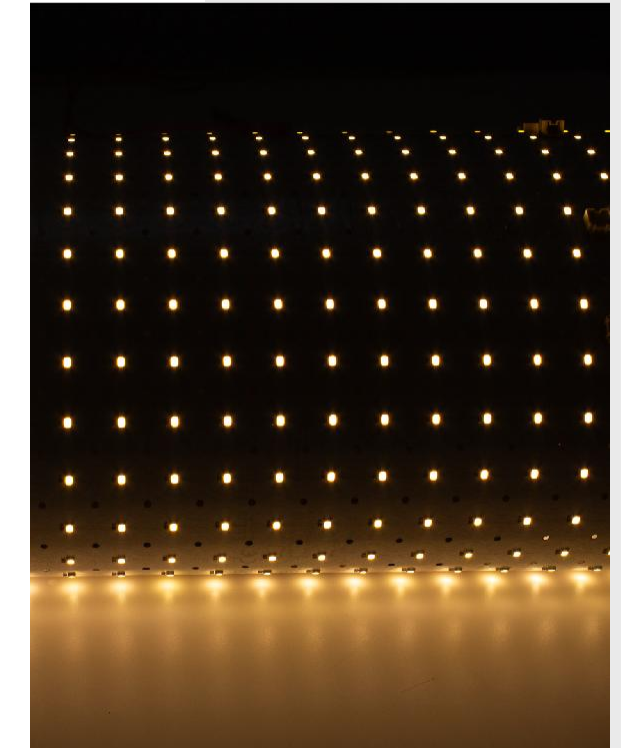
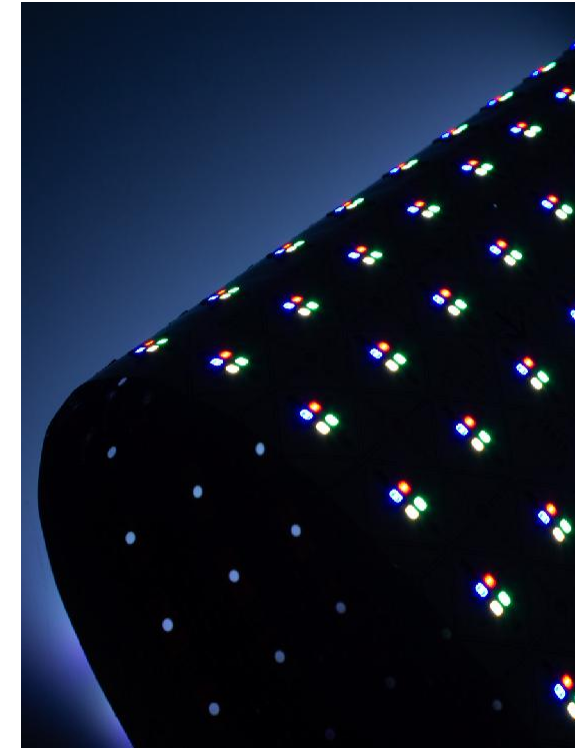
Super thin, cuttable and bendable, our flex sheets can take on virtually any shape.

They're easy to mount on a range of surfaces, such as walls, ceilings, and furniture.

## CUSTOMIZABLE LIGHT

Choose from single-color, tunable white and RGBW.

Dimmable brightness choices for the ultimate control.

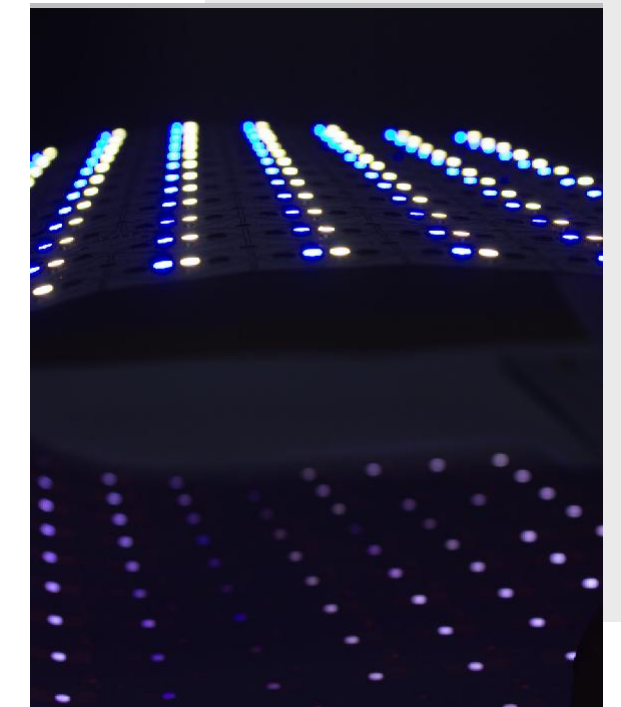


## Modular & Beautiful

Transform any space with vibrant, customizable light.

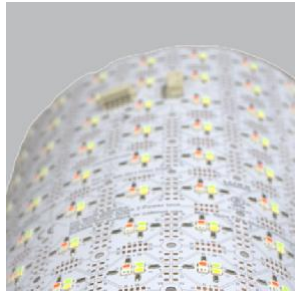
LightWave® is ideal for illuminating your architectural, retail and commercial applications.

It's the perfect option to create even light distribution across a large surface area, following the bends and curves of your space.



New LightWave® CH2 Illuminate your space economically with this extra-affordable option that provides exceptional brightness and durability without compromising on performance. Experience the same innovative technology and superior light output, now more accessible than ever.

### Included Components

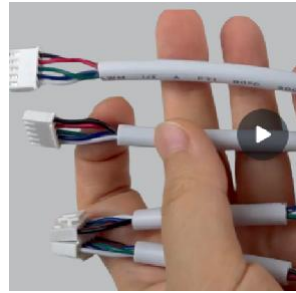


4 LED SHEETS



INSTRUCTIONS

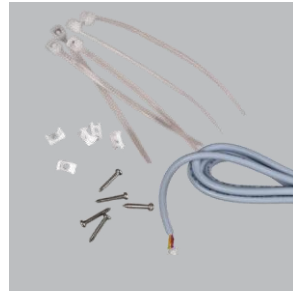
1 per sheet



CONNECTION CABLES

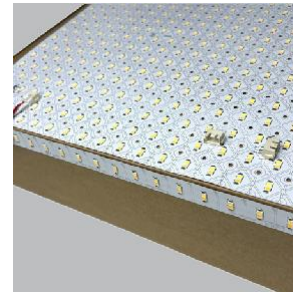
2 long, 2 short per sheet

### Add-Ons



POWER INPUT KIT

Power Input Cable & Cable Management Holder Set



EDGE MODULES

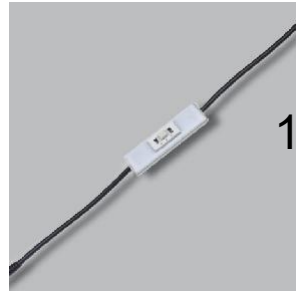
Edge / perimeter solution

### Featured Controllers



QUICKTUNE EASYLINK

Full color temperature and brightness control



CCT SELECT EASYLINK

Set precise, fixed color temperature

### ANY SIZE & CONFIGURATION

LightWave can be arranged to suit nearly any space

### SCREW SPACER SET

Our unique screw spacer set acts as a buffer between the LightWave sheet and your forward-facing material.

Includes: Screw Cap, Support Screw, Adhesive Double Sided Round Tape.

## Light With Limitless Flexibility

### INCREDIBLE LIGHT OUTPUT

Even illumination with low power consumption and superior LED clarity.

### CUTTABLE

Can be cut to take on almost any shape.

### EASY APPLICATION

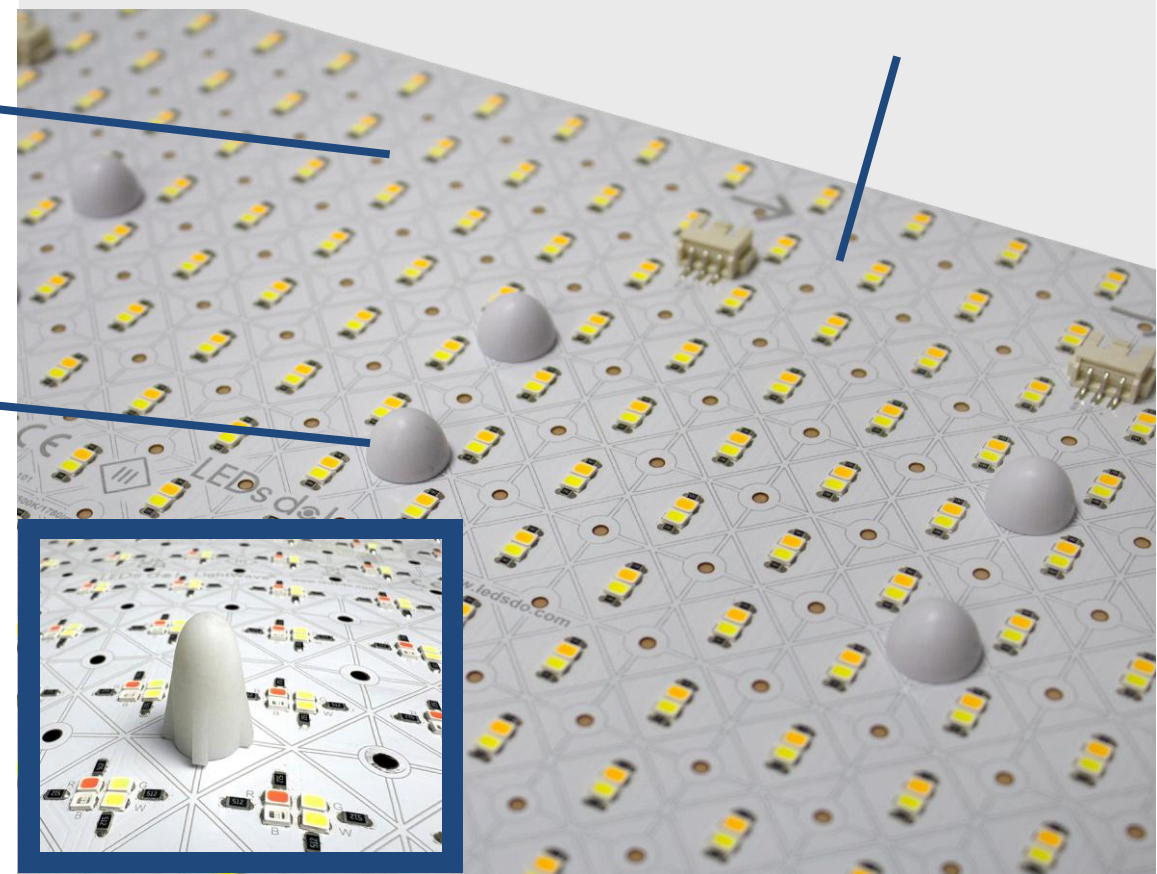
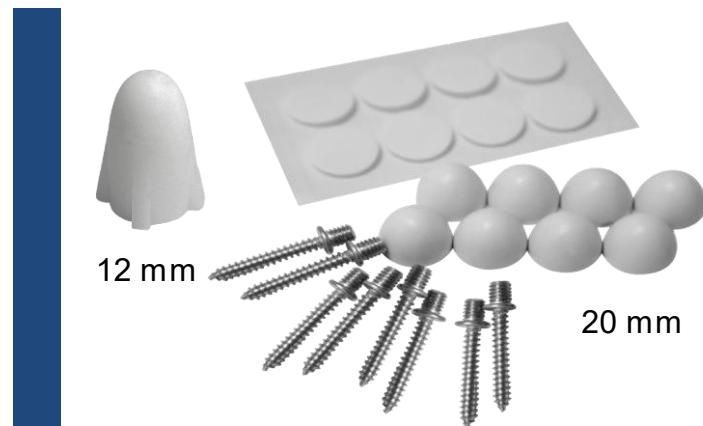
Our 3M adhesive backing allows simple installation.

### BENDABLE

Bendable along the cutting area.

### CLICKS TOGETHER

Sheets securely connect to each other with a click.





Ideal for any project needing smooth, continuous illumination across a wide or lengthy area:

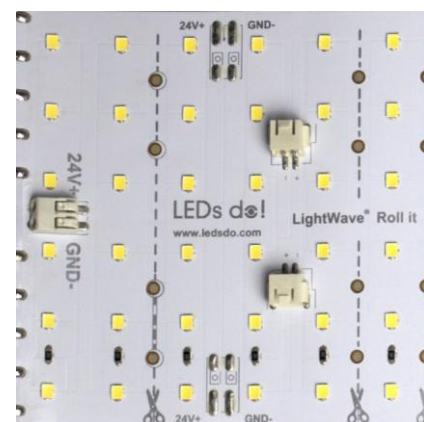
- Retail display walls
- Backlighting signage and billboards
- Airport, subway, or transit corridors
- Trade show booths and event backdrops
- Long hallways, staircases and corridors
- Warehouse or industrial task lighting

Take illumination to the next level with our rollable LightWave®. Delivered in continuous rolls of up to 40 feet, it covers expansive surfaces effortlessly while maintaining the same thin, bright, and flexible profile you love with our LightWave® line. Its roll format makes transporting, handling, and installing large areas fast and efficient, reducing time on site without sacrificing quality or design freedom.

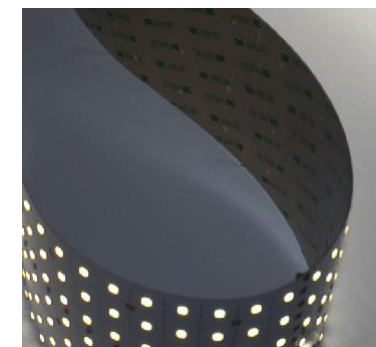
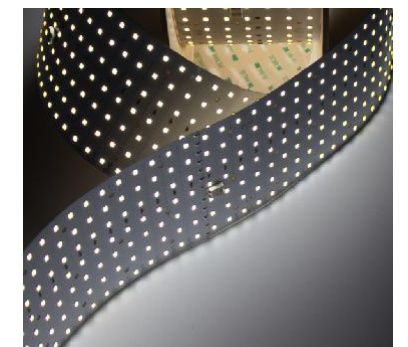
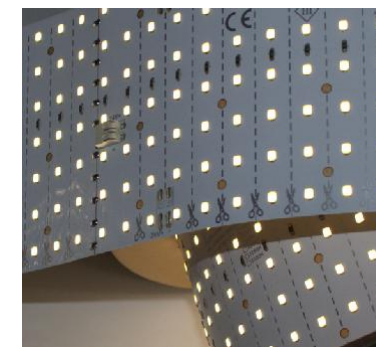
### Simple Installation

By powering one long section instead of several smaller panels, LightWave Roll It! simplifies installation:

- Fewer drivers / power supplies
- Fewer splices and connectors
- Less wiring clutter



Big Size  
Big Impact



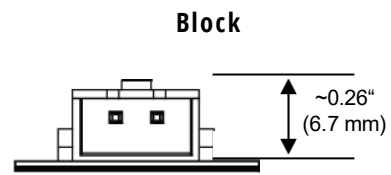
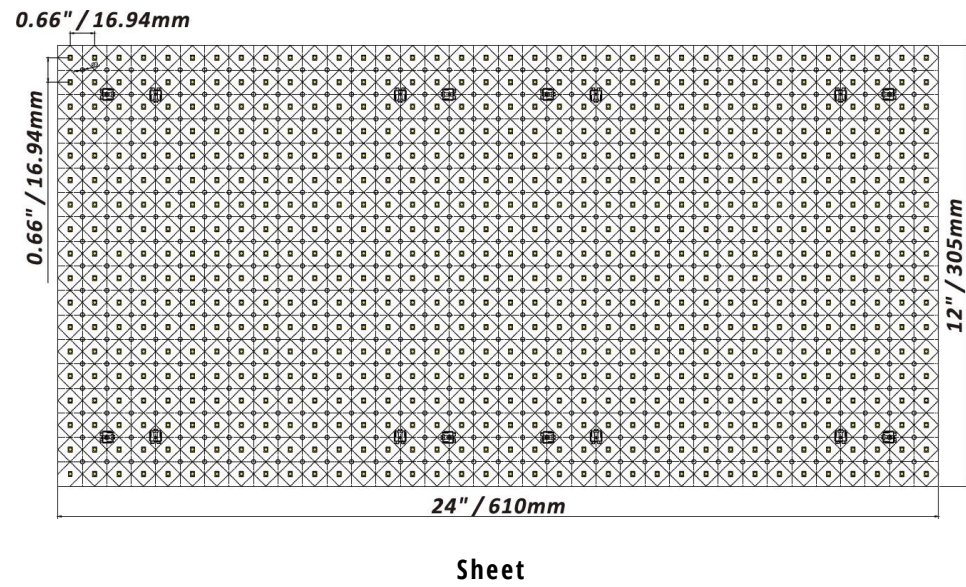
Need custom cuts? Illuminate LightWave® Roll It! can be combined with our cuttable LightWave® products with the perfect match, so you can roll out our large format light sheet while still working around the unique shapes of your space.

# LightWave®

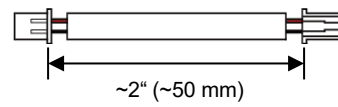
## SPECIFICATION / COMPARISON

	LightWave Gen 1 Plus				LightWave			LightWave CH2	
	Tunable white	RGBW	Single Color	Single Color - Roll it!	Tunable White	Single Color	Single Color - Roll it!	Tunable White	RGBW
SKU	FL-12x24CCT2765-24-2x14W	FL-12x24RGB50-24-16W	FL-12x24SCxx-24-14W	SMD-0354KK80-24-001	SHEET-0840TW80-24-101	SHEET-0420xx80-24-101	SMD-0354KK80-24-002	FL-12x24CCT-2x14W-CH2	FL-12x24RGB50-4x4W-CH2
Size	12" x 24" (305 x 610 mm)	12" x 24" (305 x 610 mm)	12" x 24" (305 x 610 mm)	4" x 480" (0.1 m x 12.2 m)	9.25" x 19.8" (235 x 503 mm)	9.25" x 19.8" (235 x 503 mm)	4" x 400" (0.1 x 10.16 m)	12" x 24" (305 x 610 mm)	12" x 24" (305 x 610mm)
Type	sheet	sheet	sheet	roll	sheet	sheet	roll	sheet	sheet
Color	2700 - 6500 K	RGB + 5000K	3500 K 5000 K 6500K	3500 K 5000 K 6500K	2700 - 6500 K	1800 / 2700 / 3000 K 3500 / 4000 / 5000 K 6500K	1800 / 2700 / 3000 K 3500 / 4000 / 5000 K 6500K	2700 - 6500 K	RGB+ 5000K
Power	14 W / color	16 W (4 x 4)	14 W	2.15 W / ft 7 W / m	15 W / color	15 W	3.5 W / ft 11.7 W / m	14 W / color	16 W (4 x 4)
Power / Area	7 W / sq ft 75 W / m <sup>2</sup>	8 W / sq ft 86 W / m <sup>2</sup>	7 W / sq ft 75 W / m <sup>2</sup>	6.6 W / sq ft 70 W / m <sup>2</sup>	12 W / sq ft 127 W / m <sup>2</sup>	12 W / sq ft 127 W / m <sup>2</sup>	10.7 W / sq ft 117 W / m <sup>2</sup>	7 W / sq ft 75 W / m <sup>2</sup>	8 W / sq ft 86 W / m <sup>2</sup>
Efficiency	105-120 lm / W	5000 K: 120 lm / W	120 lm / W	130 lm / W	105 -120 lm / W	105 - 120 lm / W 82 lm /W (1800K)	115 - 130 lm / W 100 lm /W (1800K)	100 - 110 lm / W	5000K: 110 lm / W
Light Output	1470 - 1680 lm	5000 K: 480 lm	1680 lm	280 lm / ft (920 lm / m)	1575 - 1800 lm	1230 - 1800 lm	350 - 450 lm / ft (1170 - 1520 lm / m)	1400 - 1540 lm	5000 K: 440 lm
Light Output / Area	735 - 840 lm / sq ft 7900 - 9000 lm / m <sup>2</sup>	5000 K: 240 lm / sq ft 2580lm / m <sup>2</sup>	840 lm / sq ft 9000 lm / m <sup>2</sup>	1235 - 1400 lm / sq ft 13300 - 15200 lm / m <sup>2</sup>	1000 - 1400 lm / sq ft 11000 - 15200 lm / m <sup>2</sup>	700 - 770 lm / sq ft 7500 - 8250 lm / m <sup>2</sup>	5000 K: 220 lm / sq ft 2365lm / m <sup>2</sup>		
CRI	>80	>80 (5000K)	>80	>80	>80	>80	>80	>80	>80 (5000K)
LED Qty	1296 (2 x 648)	1152 (4 x 288)	648	108 / ft 354 / m	840 (2 x 420)	420	108 / ft 354 / m	400 (2 x 200)	1152 (4 x 288)
LED Qty / Area	648LEDs / sqft 6965LEDs / m <sup>2</sup>	576LEDs / sqft 6190LEDs / m <sup>2</sup>	324 LEDs / sq ft 3480 LEDs / m <sup>2</sup>	324 LEDs / sq ft 3480 LEDs / m <sup>2</sup>	660 LEDs / sq ft 7100 LEDs / m <sup>2</sup>	330 LEDs / sq ft 3550 LEDs / m <sup>2</sup>	324 LEDs / sq ft 3480 LEDs / m <sup>2</sup>	200 LEDs / sq ft 2150 LEDs / m <sup>2</sup>	576 LEDs / sq ft 6190 LEDs / m <sup>2</sup>

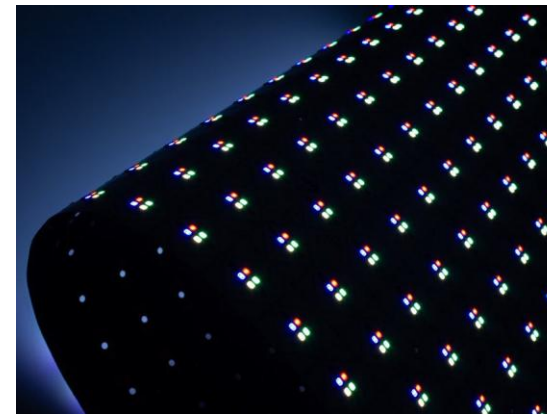
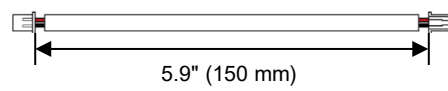
TECHNICAL DRAWINGS - SCW



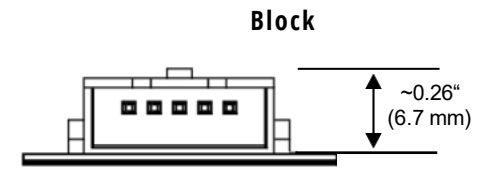
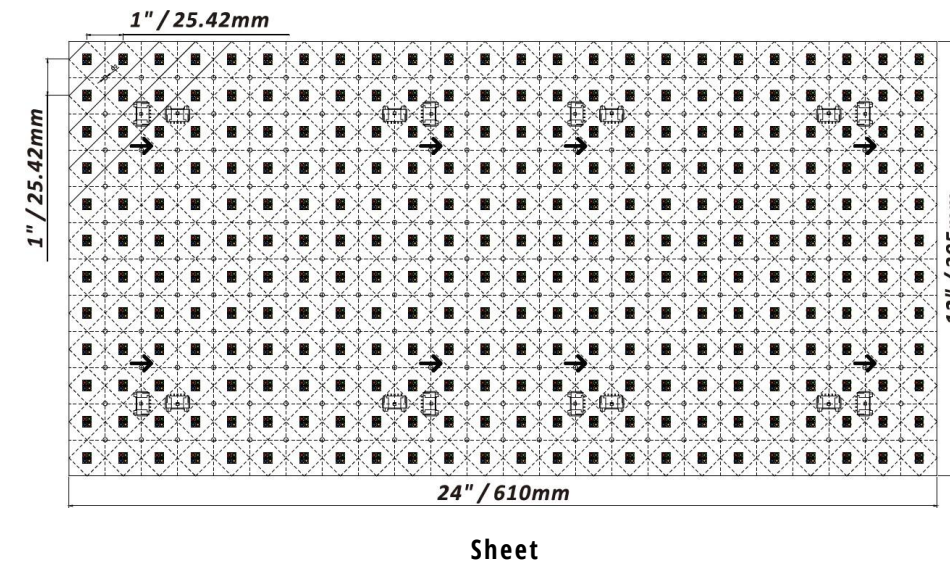
Short Connection Cable



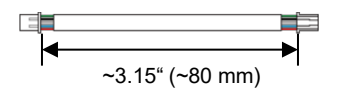
Long Connection Cable



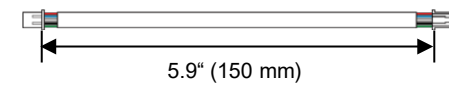
TECHNICAL DRAWINGS - RGBW



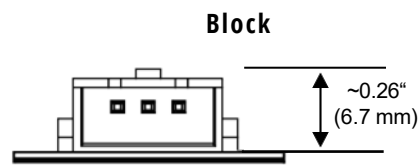
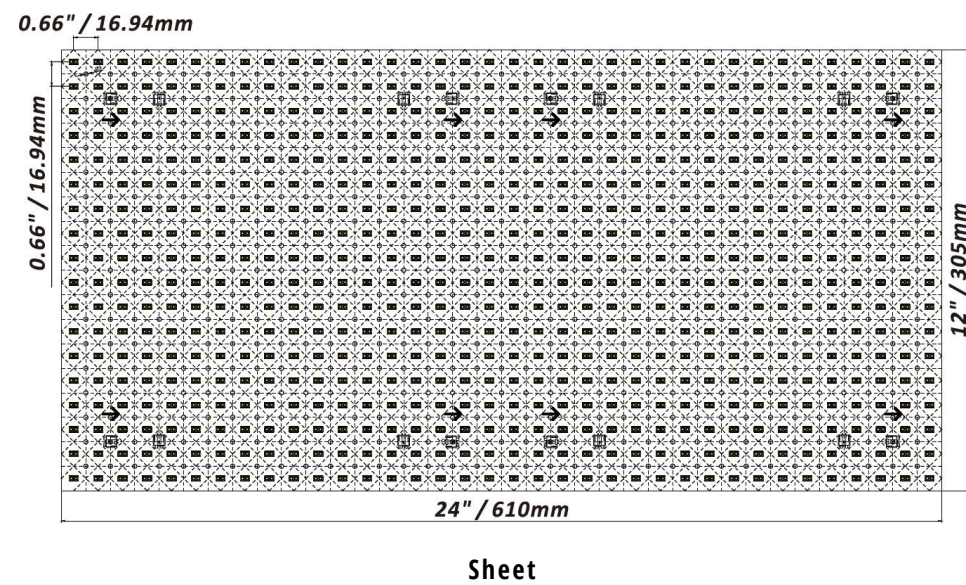
Short Connection Cable



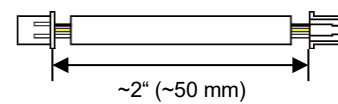
Long Connection Cable



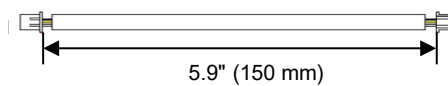
TECHNICAL DRAWINGS - TW



Short Connection Cable



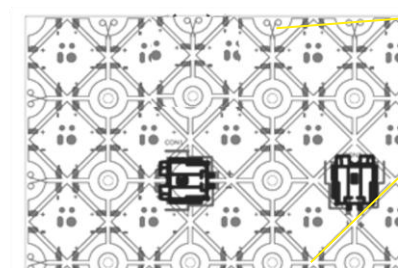
Long Connection Cable



HEIGHT - SW, TW, RGBW



CUSTOMIZATION



- Cut and fold along lines designated with scissors symbol
- May also be cut and folded at 45 degree angle lines
- Soldering pads further design flexibility



# LightWave® Edge Modules

## SPECIFICATION / COMPARISON

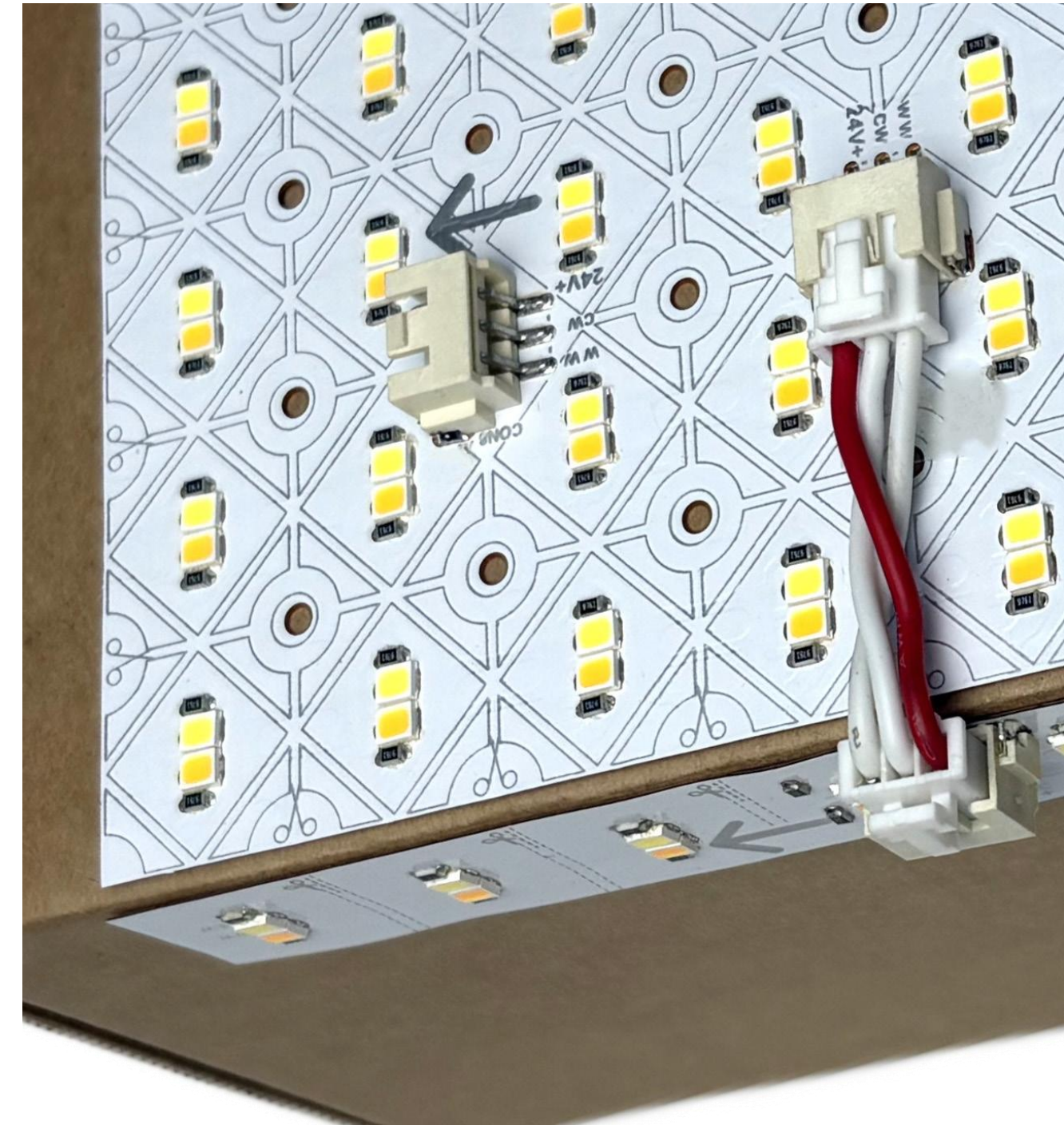
LightWave® Edge Single Color White	SKU	Length	Power	LED Qty	Connectors	Spray Coating
For Short Edge / Side	ED-12SCxx-24	12"	0.39W	36	2	Yes
For Long Edge / Side	ED-24SCxx-24	24"	0.78W	72	2	Yes

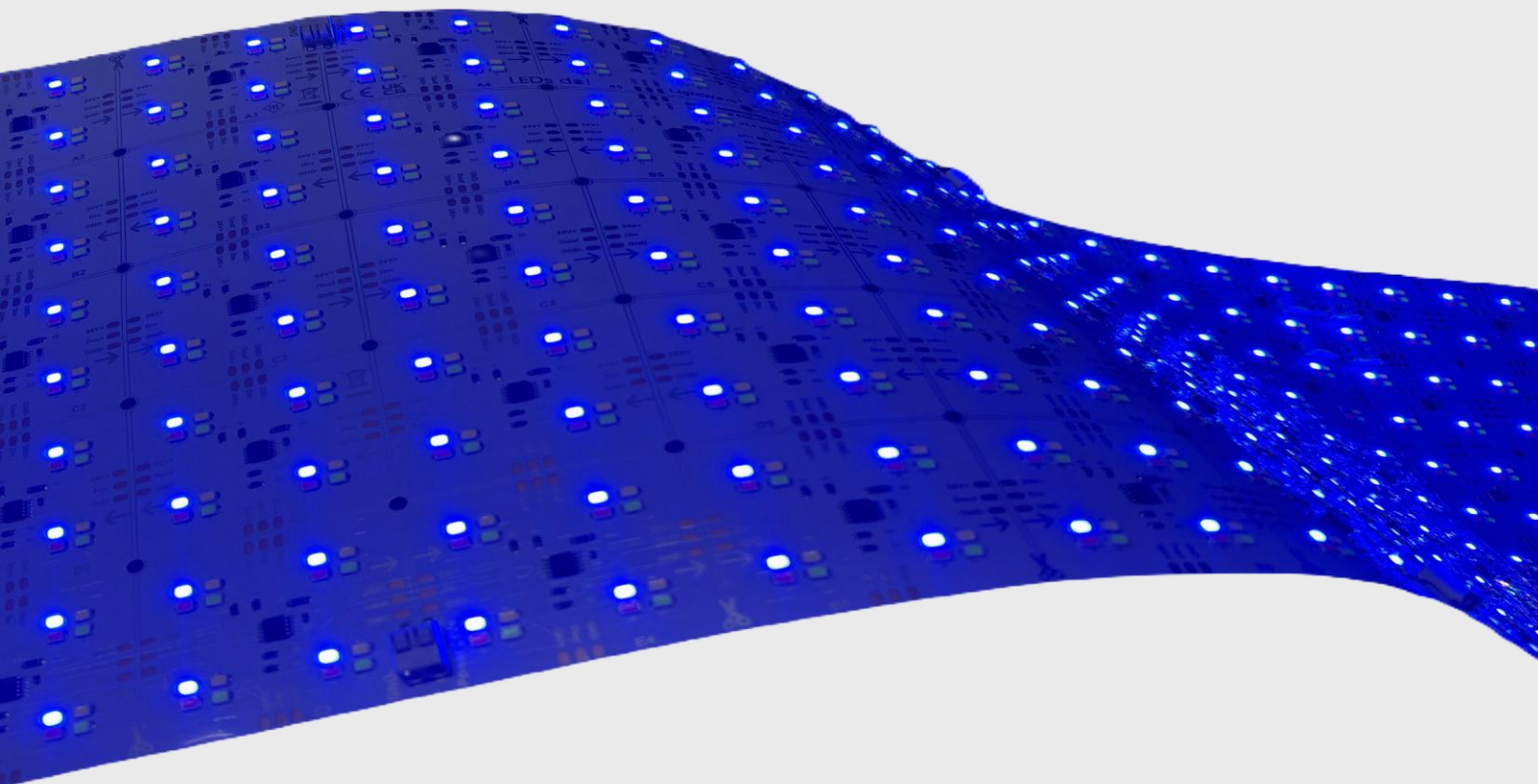
  

LightWave® Edge Tuneable White	SKU	Length	Power	LED Qty	Connectors	Spray Coating
For Short Edge / Side	ED-12CCT2765-24	12"	0.39W	18	2	Yes
For Long Edge / Side	ED-24CCT2765-24	24"	0.78W	36	2	Yes

LightWave® Edge RGBW	SKU	Length	Power	LED Qty	Connectors	Spray Coating
For Short Edge / Side	ED-12RGB50-24	12"	4 X 0.17W	48	2	Yes
For Long Edge / Side	ED-24RGB50-24	24"	4 X 0.33W	96	2	Yes

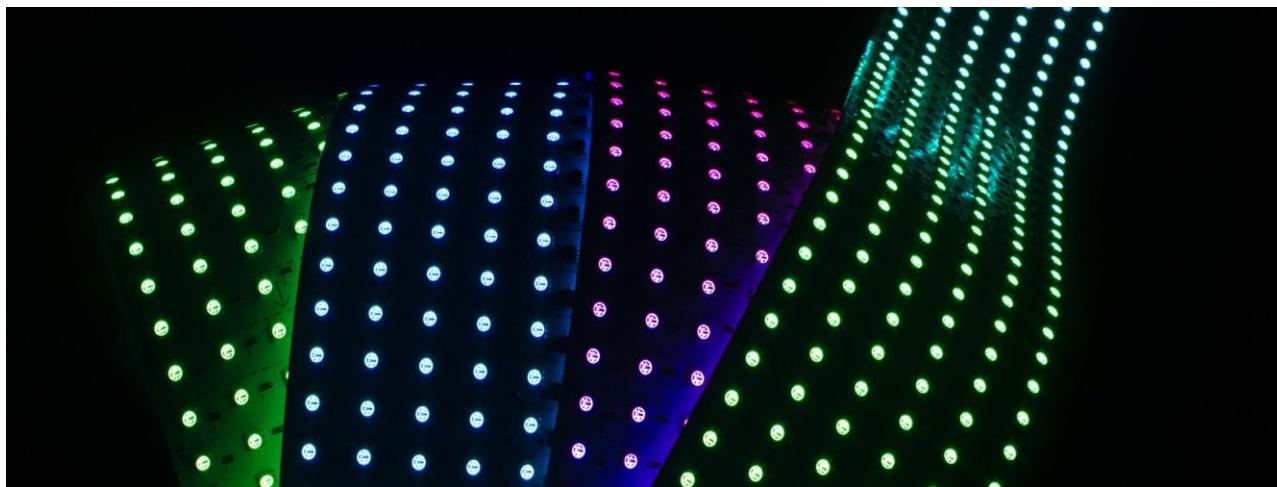




## LightWave®

PIXX Product Line

The LightWave® PIXX line brings dynamic, pixel-level control to large-scale lighting installations. Designed for professionals who demand precision, flexibility, and creativity, PIXX products let you craft vibrant, programmable effects across any surface.



## LightWave® PIXX



### Precise Impact

Our PIXX RGBW flex sheet with SPI control offers the power to control each pixel individually.

From gradients to animations, and color-changing effects, PIXX is perfect for creating immersive, high-impact displays.

### Bold & Bright

Bring spaces to life with light that moves, dances, and interacts.

- Dynamic walls and ceilings
- Backlit signage and graphics
- Architectural accents
- Stage and event lighting
- Interactive installations

## LightWave® PIXX Roll It!



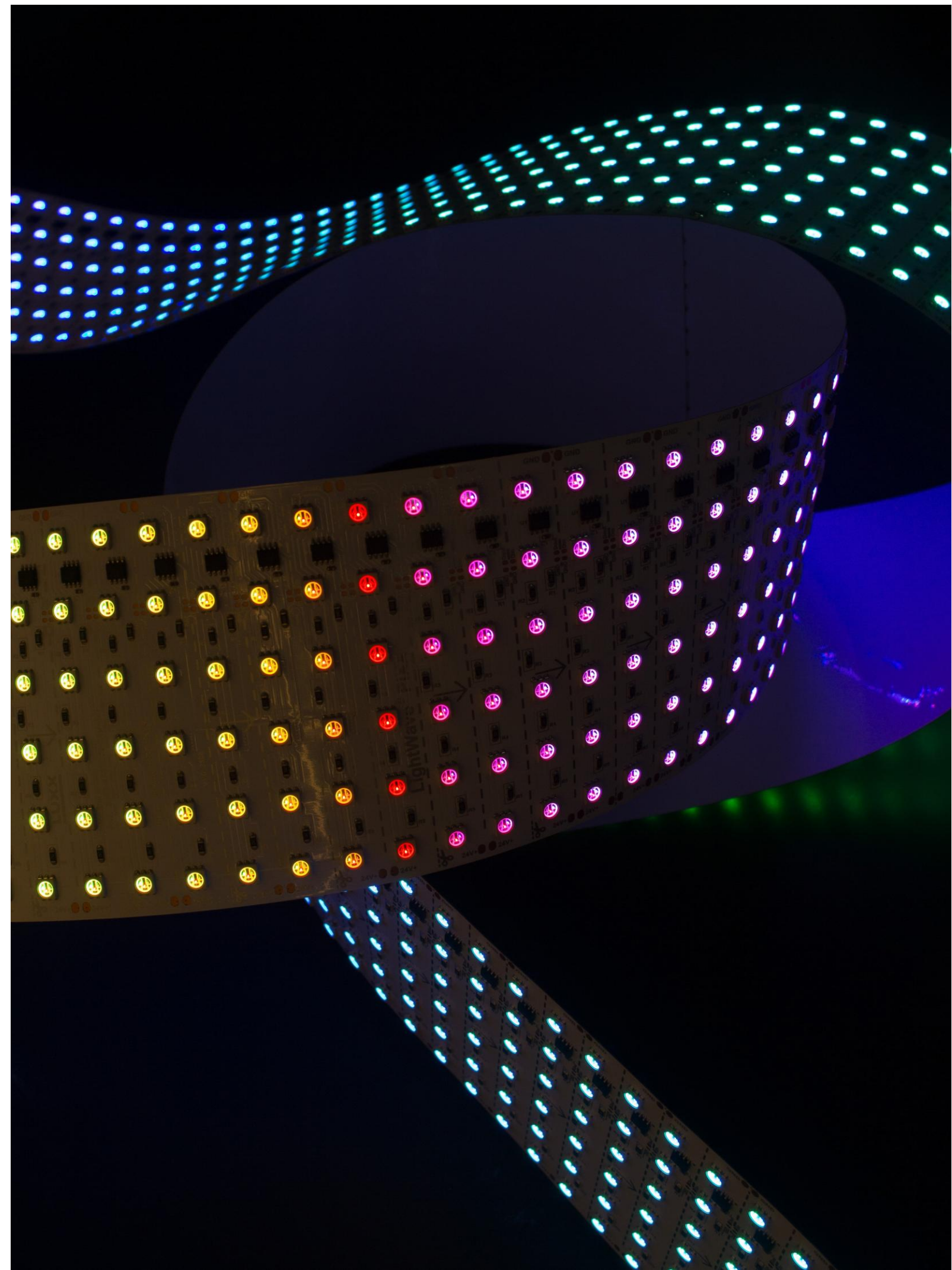
### Expansive Experiences

The same RGB flex sheet with SPI control... delivered on a roll. PIXX Roll It! is perfect for large format projects, while maintaining full pixel control.

# LightWave® PIXX

## SPECIFICATION / COMPARISON

	RGB (Roll It!)	RGBW - High Brightness	RGBW
SKU	US SMD-04723C00-24-102 EU SMD-04723C00-24-101	SHEET-08004C80-24-201	SHEET-08004C80-24-202
Size	US 4" x 140" EU 0,1m x 8.13m	9.25" x 19.8" 235 x 503mm	
Type	roll	sheet	
Color	RGB	RGB+ 5000K	
Power	7.15W / ft 23.4W / m	35W	22.5W
Power / Area	21.5W / sqft 230W / m2	27.5W / sqft 295W / m2	17.7W / sqft 190W / m2
Efficiency	N/A	N/A	
Light Output	N/A	5000K: 810lm	5000K: 545lm
Light Output / Area	639lm / sqft 6278lm / m2	5000K: 635lm / sqft 6852lm / m2	5000K: 428lm / sqft 4610lm / m2
CRI	N/A	>80 (5000K)	
LED Qty	144 / ft 472 / m	800 (4 x 200)	
LED Qty / Area	432LEDs / sqft 4650LEDs / m2	628LEDs / sqft 6768LEDs / m2	





# CCT Select

CCT Controller

## DESCRIPTION

Control tunable white lighting with CCT Select controllers—set and forget precise color temperature for retail, architectural, industrial and more applications.

Ideal for retail, hospitality, offices and home interiors.

## SPECIFICATIONS

### Controller

Universal	3 Shifts with 160 mm tinned 3-core open ends
EasyLink	3 Shifts with 1520 Light-Wave TW connector

### Electrical & Optical

Voltage	12-24 V DC
Output Current	5A / Channel
Channel	2 Channels
PWM Frequency	20000 Hz

## BENEFITS

- Our Universal option offers broad compatibility with a wide range of tunable white LED fixtures
- Our EasyLink offers simple, effortless control of LightWave Generation 1 Plus

### Functionality & Safety

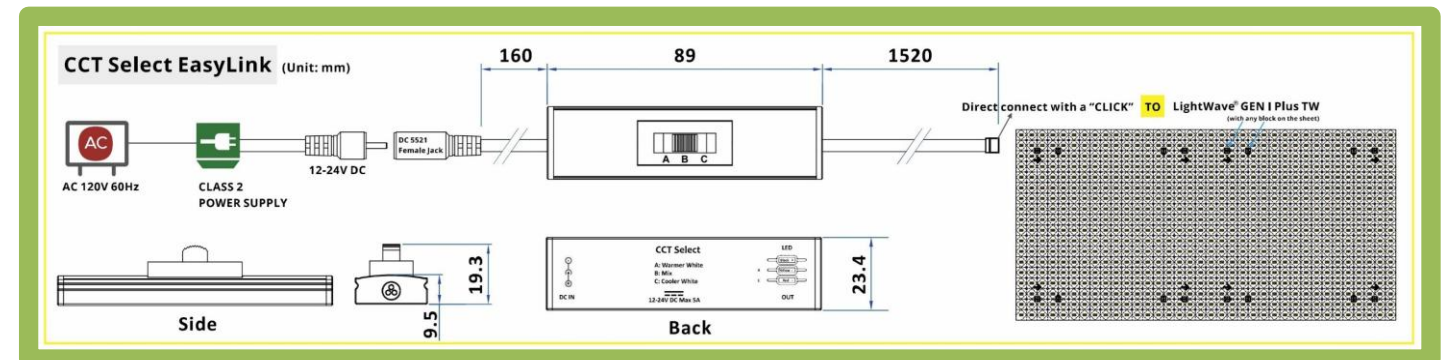
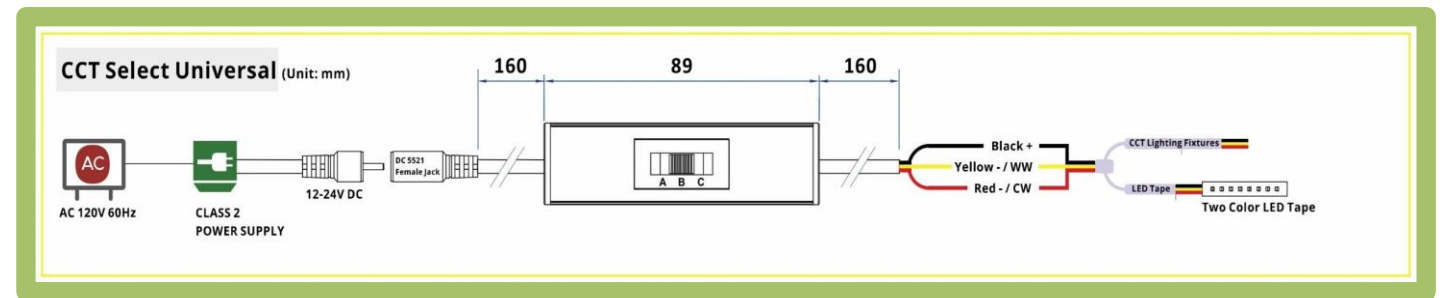
Smooth Stepless Dimming	Dimming Range 10-100%
Color Mixing	Proportional Balancing
Memory Function	Yes
Protections	Polarity Protection
Product Color	White and Aluminium

### Button Description

A	Warmer White
B	Mix 50/50
C	Cooler White



## DRAWINGS



## WARRANTY & CERTIFICATIONS





# QuickTune

## CCT Controller

### DESCRIPTION

Simple and elegant in-line controller for tunable white lighting. QuickTune offers the perfect solutions for creating personalized lighting experiences.

Ideal for retail, hospitality, offices and home interiors.

### BENEFITS

- With our Universal option, enjoy control across a broad range of tunable white LED light fixtures
- With our EasyLink option, effortlessly control LightWave Generation 1 Plus to match any mood or activity
- Easy to install for both professionals and DIY users

### SPECIFICATIONS

#### Controller

Universal	4 Buttons with 160 mm tinned 3-core open ends
EasyLink	4 Buttons with 1520 mm LightWave TW connect

#### Electrical & Optical

Voltage	12 - 24 V DC
Output Current	5A / Channel
Channel	2 Channels
PWM Frequency	20000 Hz

#### Functionality & Safety

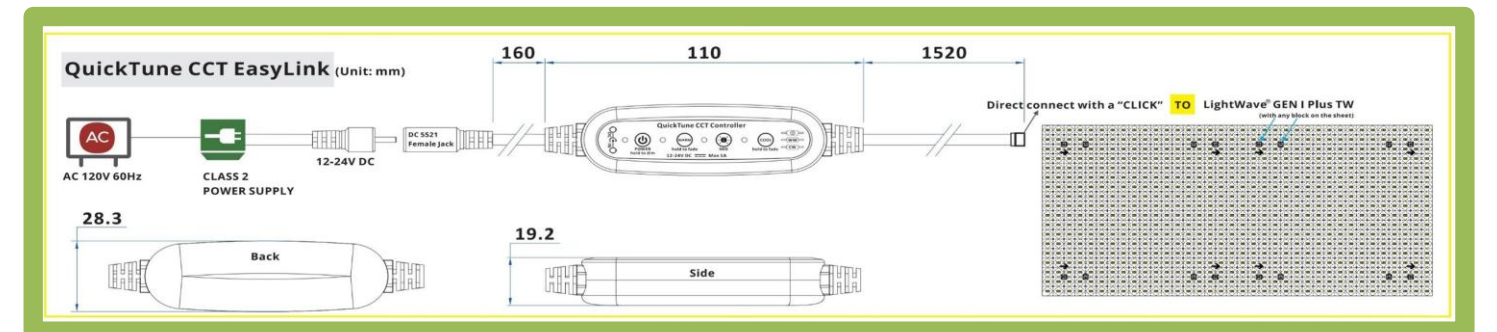
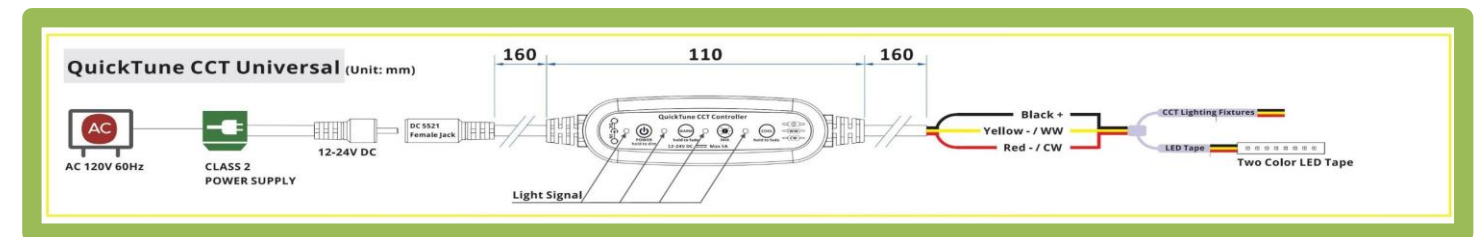
Smooth Stepless Dimming	Dimming Range 10 - 100%
Color Mixing	Proportional Balancing
Memory Function	Yes
Protections	Polarity Protection
Product Color	Black

#### Button Description

POWER	Short Press: ON / OFF Long Press: Dimming
WARM	Short Press: Warm white
MIX	Short Press: 50% warm / 50% cool
COOL	Short Press: Cool white Long Press: Fade to cool



### DRAWINGS



### WARRANTY & CERTIFICATIONS



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Specialty Lighting

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PO Box 780  
Fallston, NC 28042

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Email : [sales@specialtylighting.com](mailto:sales@specialtylighting.com)

Web : [www.specialtylighting.com](http://www.specialtylighting.com)

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**LUXX** Light+Retail Technology

Partners in Illumination