ILLUMIDEL

Product
Catalog

NEW PRODUCT 2025

Illuminating Innovation in Architectural Lighting

About Us
At IllumiDEL, we specialize in transforming spaces through cutting-edge architectural lighting. With a passion for innovation and design, we create stunning lighting solutions that bring magic and brilliance to any environment—whether for festive celebrations, commercial spaces, or architectural enhancements.

Our Story
Founded with the vision of redefining how light interacts with space, IllumiDEL has grown into a leader in the industry, offering tailor-made lighting solutions that captivate and inspire. Our team of experts combines creativity, technology, and craftsmanship to deliver breathtaking installations that leave lasting impressions.

Our Commitment

We believe that lighting is more than just illumination—it's an experience. Our mission is to craft high-quality, energy-efficient, and innovative lighting designs that enhance spaces and create unforgettable moments. From grand holiday displays to elegant architectural enhancements, our solutions bring life and vibrancy to any setting.
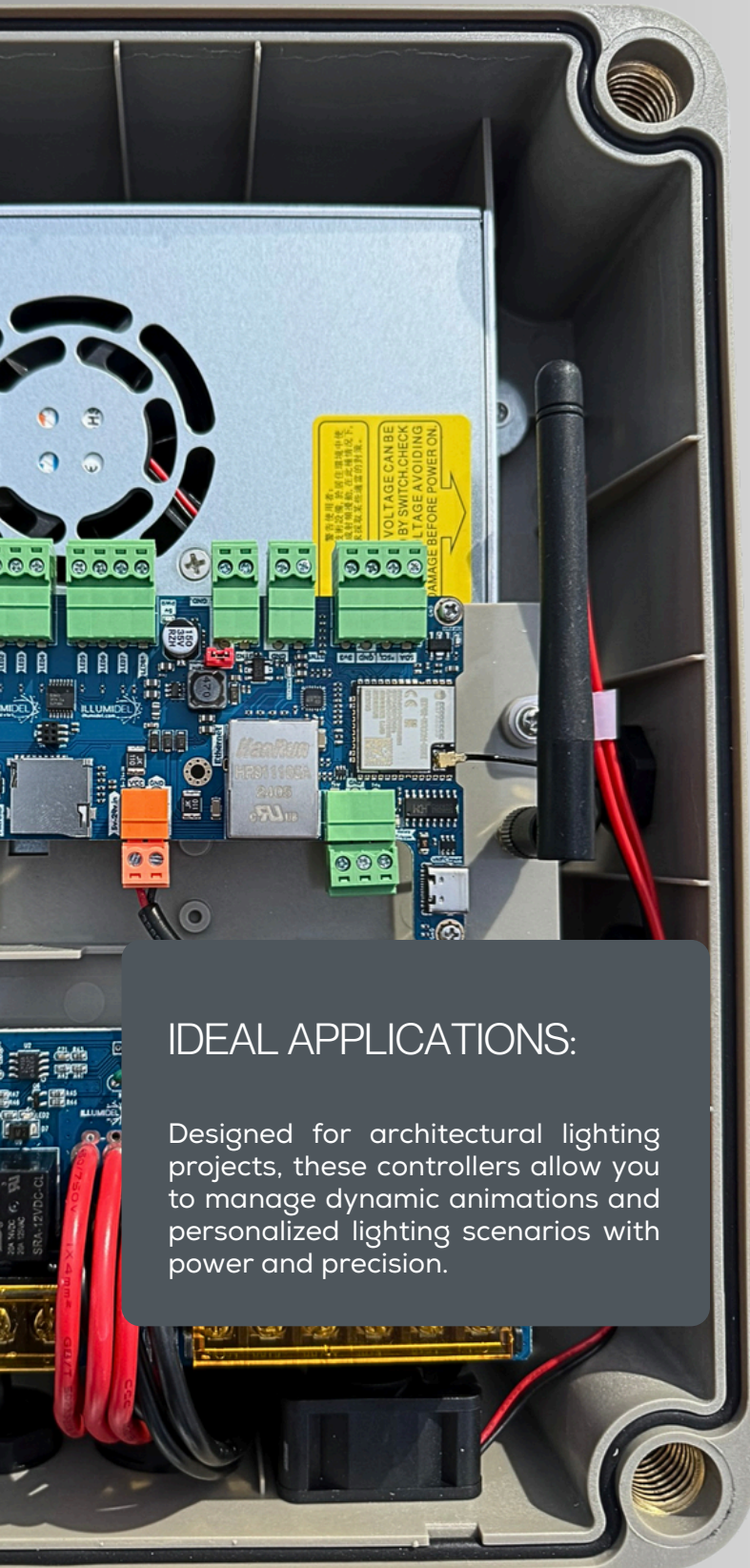
Elevate Your Business

Why Choose IllumiDEL?

- Breathtaking Visuals: Elevate your space with vibrant, dynamic lighting that enhances any environment.
- Customizable Solutions: Tailored designs to fit your brand's identity and event needs.
- Energy-Efficient Technology: Sustainable lighting that reduces energy consumption while maximizing impact.
- Unmatched Expertise: Years of experience in architectural and festive lighting innovation.
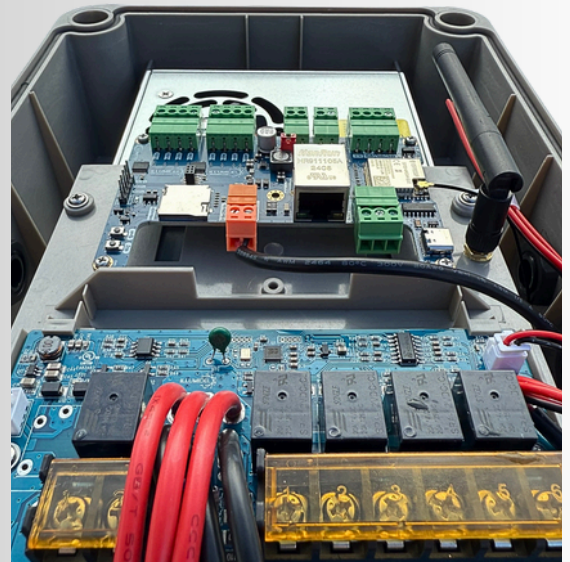
Make your brand shine with IllumiDEL, the expert in architectural lighting for festive events. Transform any space with stunning illuminations that captivate and inspire. With our innovative lighting solutions, your business will stand out and create an unforgettable atmosphere for your clients and visitors.

Choose excellence in festive lighting with IllumiDEL – where light becomes a unique experience.

THE BOX

KEY FEATURES:

- DC24V power supply
  - 450W (3 X 24V 5A per channel).
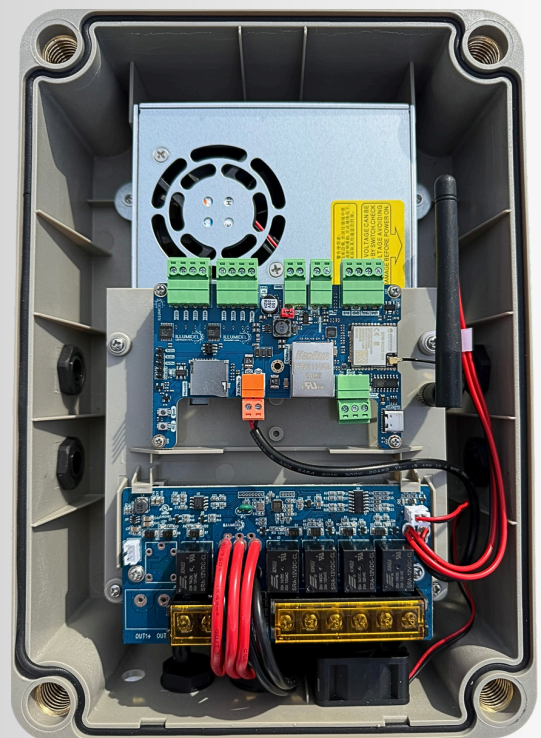 - 600W (5 X 24V 5A per channel).

IDEAL APPLICATIONS:

Designed for architectural lighting projects, these controllers allow you to manage dynamic animations and personalized lighting scenarios with power and precision.
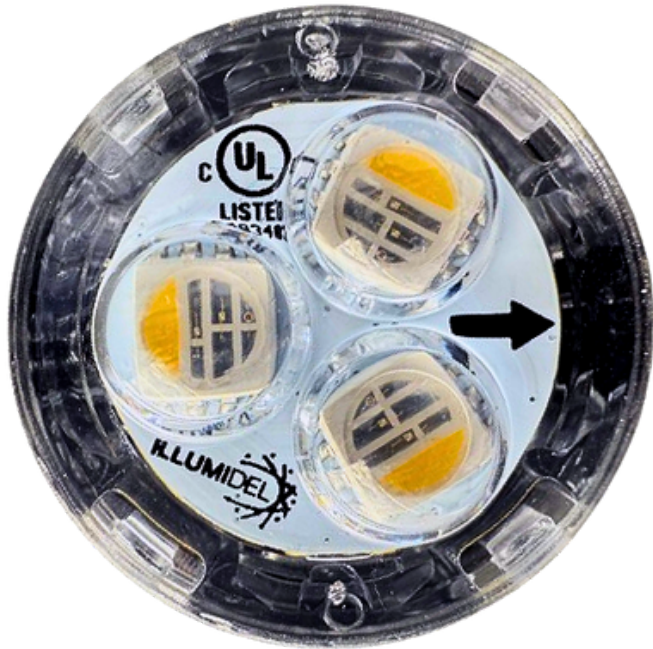
- 8 data outputs: Compatible with SPI and DMX protocols (P2DMX module required for DMX).
- Durability: 5-year warranty for reliable performance.
- Operation at -40°C, ensuring reliable performance even in extreme conditions.
- Certification: cULus, compliant with UL STD 8750 and compliant with CSA STD. C22.2 No. 250.13

THE PIXEL

30mm Addressable RGBW LED Pixel

Model：Connect-Pixel-30

1. Dimensions：30mm
2. Power: 1,33W/pixel
3. Voltage: 24V
4. Led type: 3pcs SMD5050
5. Led quantity: 1 - 3 - 9 pcs string
6. Led color: RGBW 3000K SPI
7. Life time: 50000 hours
8. IP grade：IP68

Precision & Versatility in Architectural Lighting

The Pixel 24V 1.3W by IllumiDEL is an advanced and adaptable lighting solution designed for architectural and creative lighting projects. Offering precision control and vibrant illumination, this RGBW 3000K pixel module is perfect for dynamic animations, artistic designs, and detailed lighting effects.
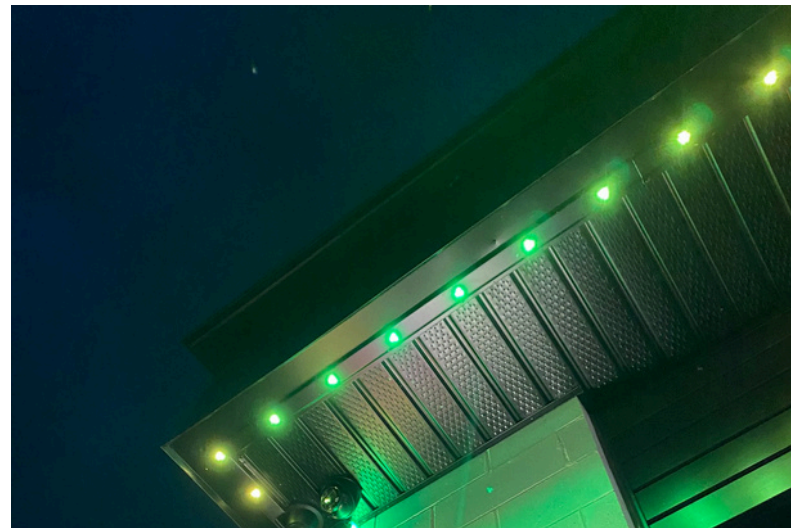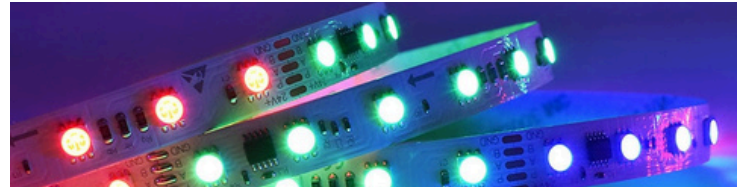
THE STRIP

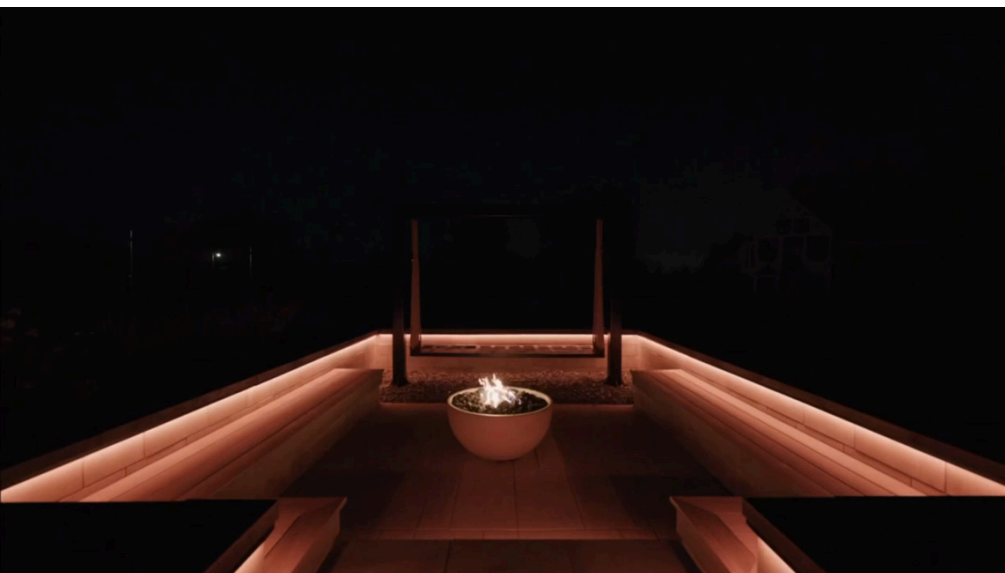**60 LEDs Addressable RGBW Light Strip**

Model：Connect-Strip-5050

1. Dimensions：15mm, 5m/roll
2. Power: 17W/m
3. Voltage: 24V
4. Led type: SMD5050, high brightness led
5. Led quantity: 60leds/m, 300leds/roll
6. Led color: RGBW 2700K SPI
7. Cut length: 24V 6leds/100mm
8. PCB material: double sides
9. Life time: 50000 hours
10. IP grade：IP68

High-Brightness, Dynamic Lighting Solution

The IllumiDEL 5050 RGBW LED Strip by IllumiDEL is a premium lighting solution designed for vibrant, high-intensity illumination. Featuring SMD 5050 high-brightness LEDs and RGBW 2700K SPI control, this flexible LED strip delivers stunning color effects and warm white tones, making it ideal for both decorative and functional lighting applications.

THE COB
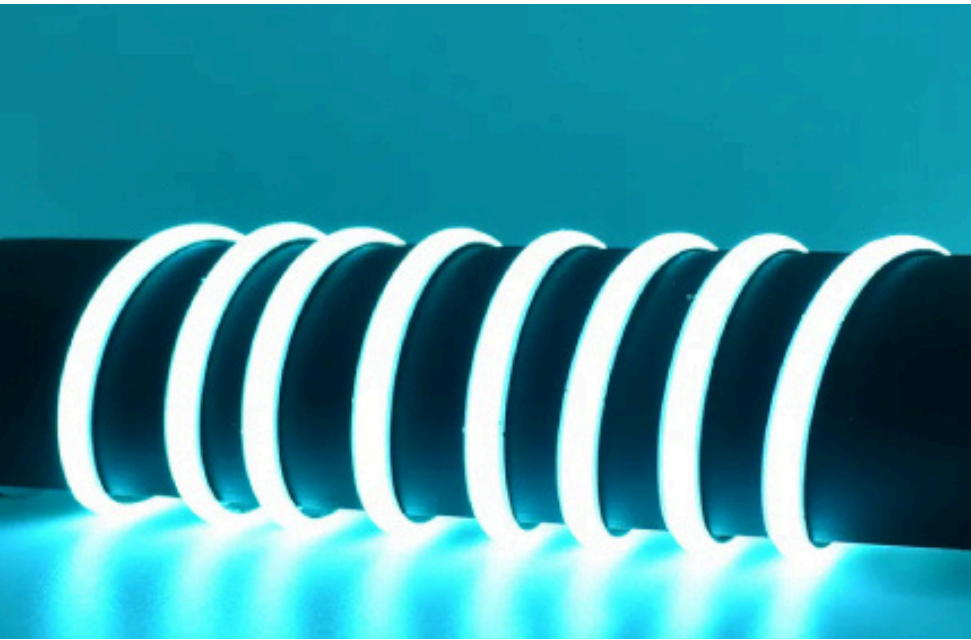
840 LEDs Addressable RGBW COB Light Strip

Model：Connect-COB-840

1. Dimensions: 12mm, 5m/roll
2. Power: 16W/m
3. Voltage: 24V
4. Beam angle: 180°
5. LED quantity: 840LEDs/m
6. LED color: RGBW 3000K SPI
7. Cut length: 24V 100mm
8. PCB material: double layer FPC
9. Life time: 36000 hours
10. IP grade: IP68

COB LED Strip Lights – Seamless Illumination with Ultra-Brightness

The COB (Chip-on-Board) LED Strip by IllumiDEL offers a revolutionary lighting solution with a continuous, dot-free glow, perfect for architectural, decorative, and ambient lighting applications. Designed for superior brightness and uniform illumination, our COB LED strips enhance any space with their sleek and modern appeal.
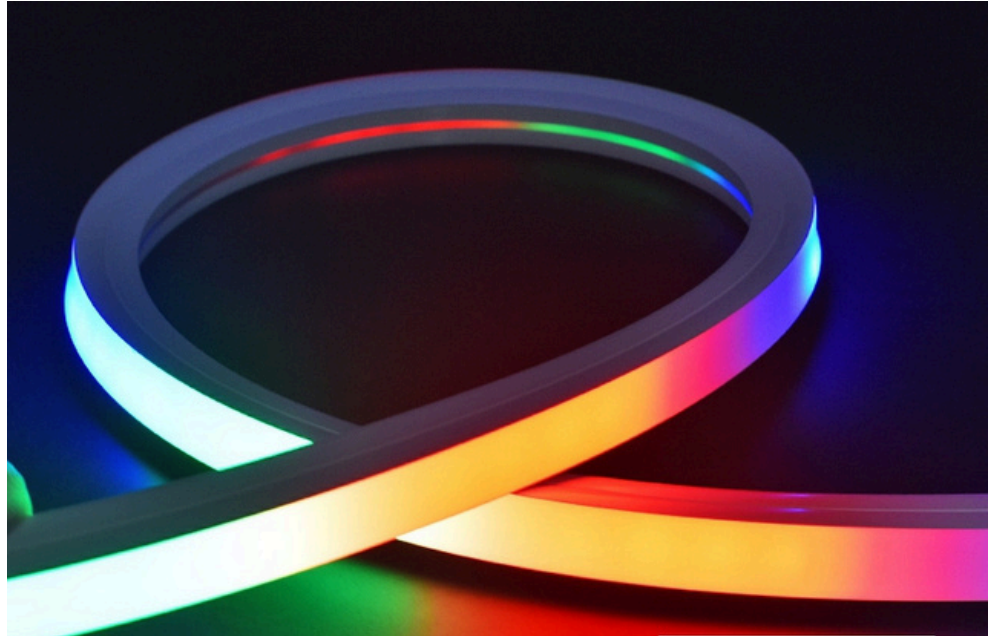
THE NEON

60 LEDs Addressable RGBW Neon

Model：**Connect-Neon-2020**

1. Dimensions: 20X20mm
2. Power: 17W/m
3. Voltage: 24V
4. Beam angle: 180°
5. LED quantity: 60LEDs/m
6. LED color: RGBW 3000K SPI
7. Cut length: 6 pixels (4 inch)
8. PCB material: double layer FPC
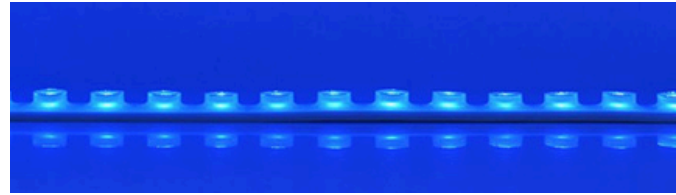9. Life time: 50000 hours
10. IP grade: IP68

High-Performance Neon Flex Strip

The Neon-2020 by IllumiDEL is a premium flexible neon LED strip, designed for seamless, vibrant illumination in both indoor and outdoor applications. Featuring RGBW 3000K SPI control, it offers rich colors, smooth transitions, and precise lighting effects, making it the perfect choice for architectural accents, signage, and decorative lighting.

THE WASH

60 LEDs Addressable RGBW Wall Wash

Model: Connect-WallWash-2323

1. Dimensions: 15mm
2. Power: 24W/m
3. Voltage: 24V
4. Beam angle: 40°
5. LED quantity: 60 LEDs/m
6. LED color: RGBW 2700K SPI
7. PCB material: double layer FPC
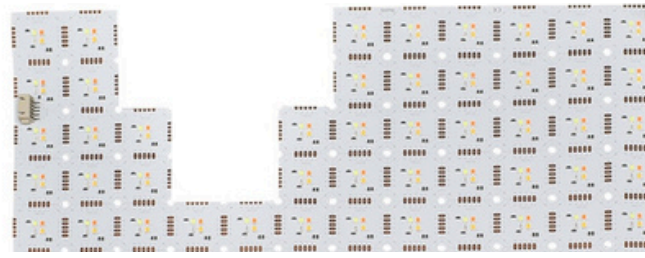8. Life time: 50000 hours
9. IP grade: IP68

High-Performance Wall Wash Lighting

The WallWash-2323 by IllumiDEL is a powerful and versatile wall wash lighting solution, designed to provide uniform, high-intensity illumination for architectural and commercial applications. Featuring RGBW 2700K SPI technology, it delivers precise color control, rich saturation, and warm white tones, making it ideal for accentuating building facades, landscapes, and large indoor spaces.
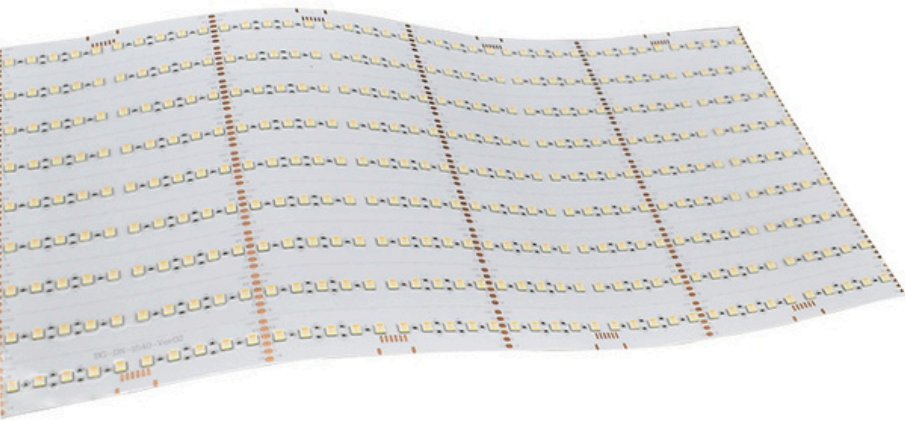
THE SHEET


192 LEDs Addressable RGB Sheet

Model：Connect-Sheet-5050

1. Dimensions: 490X250mm
2. Power: 42W/m
3. Voltage: 24V
4. Beam angle: 180°
5. LED quantity: 192LEDs/pcs
6. LED color: RGB SPI
7. Cut length: every 5 pixels
8. PCB material: double layer FPC
9. Life time: 50000 hours
10. IP grade: IP54

High-Performance Flexible Lighting Sheet

The IllumiDEL LED Sheet is a powerful, ultra-flexible lighting solution designed for uniform, high-density illumination. With RGB SPI control, it offers dynamic lighting effects, making it ideal for backlighting, signage, architectural accents, and display applications.
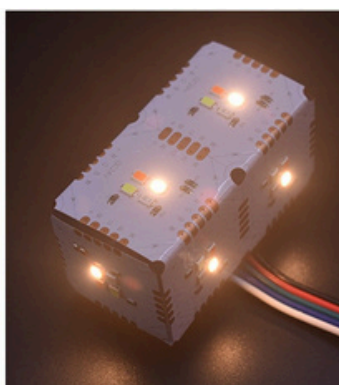
THE DMX

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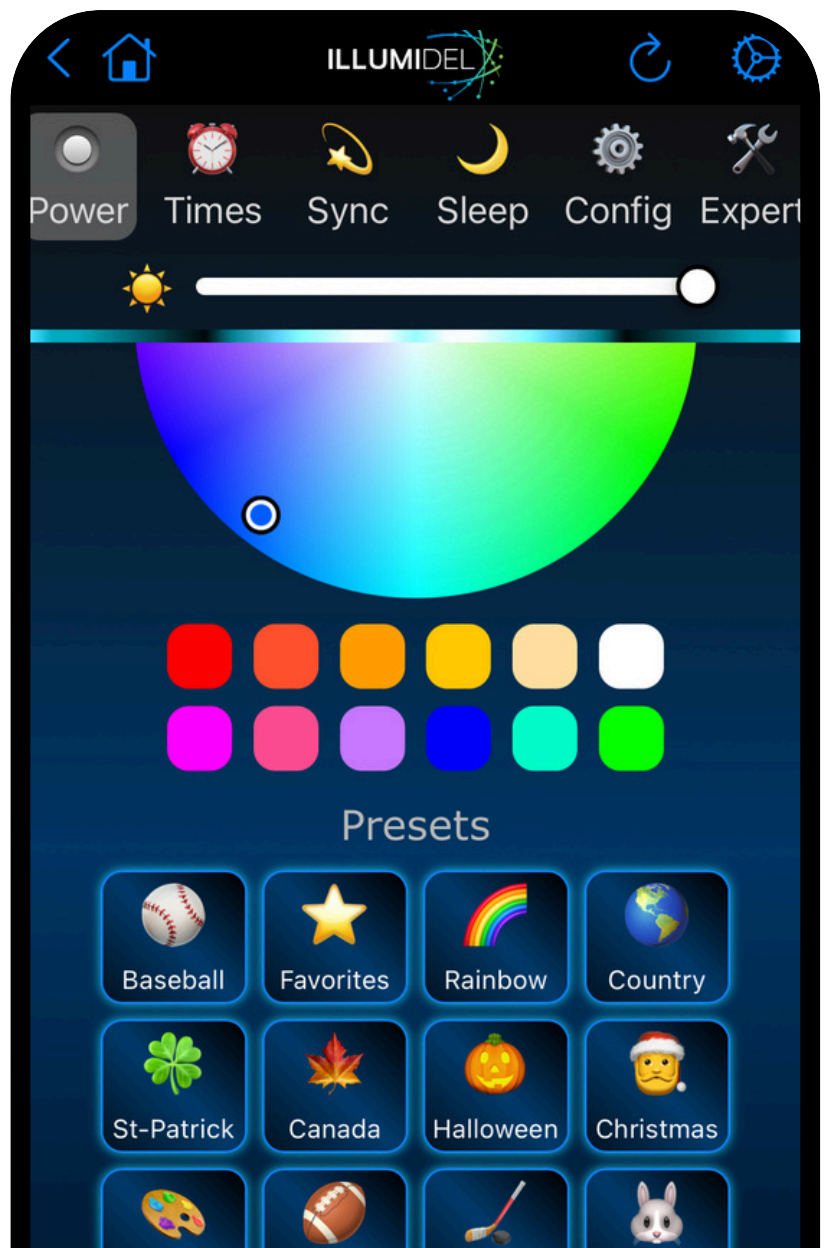

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THE APP

The IllumiDEL application, available in French and English, is an intuitive tool for controlling and personalizing your architectural lighting systems.
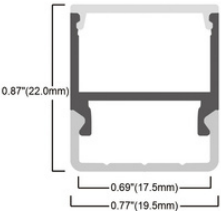

- Built-in Presets: Access pre-set themes like warm white, cool white, Christmas, Halloween, Valentine's Day, Easter, and more.
- Customization: Create custom lighting scenarios and schedule effects.
- Connectivity: Compatible with Ethernet and Wi-Fi for seamless management.
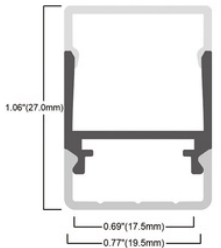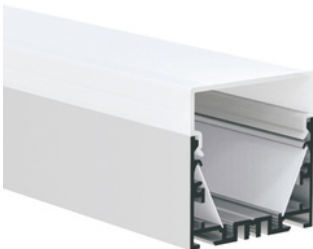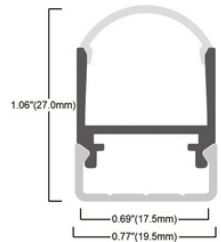- Automation: Program your lights and synchronize them with your events.
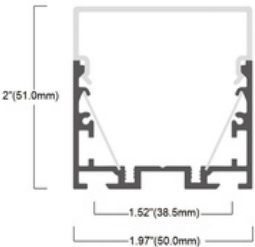
THE TRACKS

STOCK COLOR

0.87"(22.0mm)
0.69"(17.5mm)
0.77"(19.5mm)

STOCK COLOR

1.06"(27mm)
0.69"(17.5mm)
0.77"(19.5mm)

STOCK COLOR

1.06"(27.0mm)
0.69"(17.5mm)
0.77"(19.5mm)

STOCK COLOR

2"(51.0mm)
1.52"(38.5mm)
1.97"(50.0mm)

STOCK COLOR
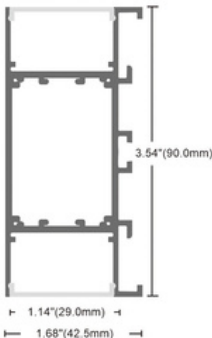
3.54"(90.0mm)
1.14"(29.0mm)
1.68"(42.5mm)

Contact

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