



INFO@ILLUMIDEL.COM

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.



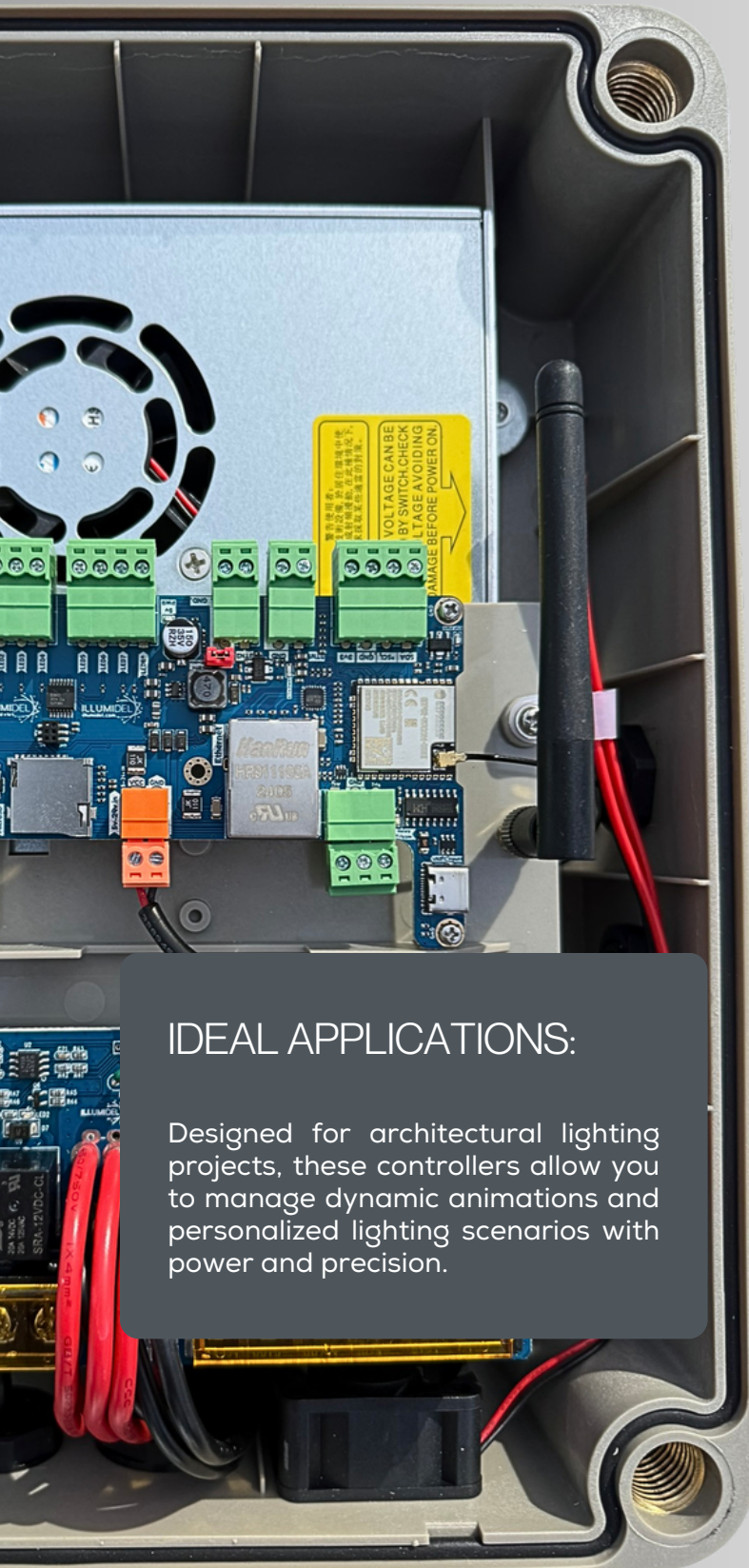
Elevate Your Business

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: Over 15 years of experience in architectural and festive lighting.

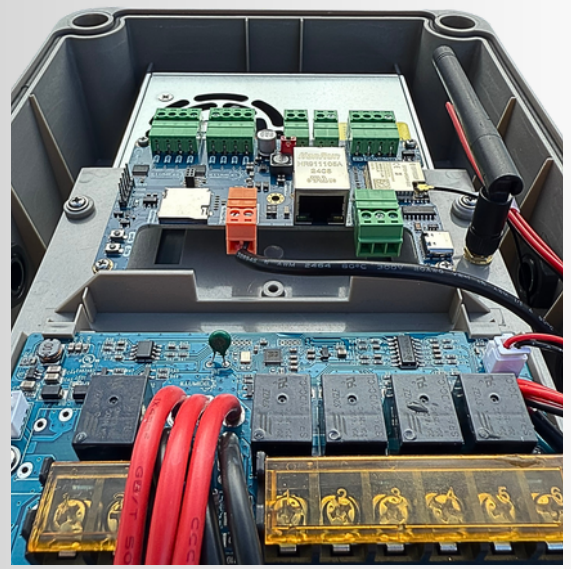
Make your brand shine with IllumiDEL, the expert in architectural lighting for festive events. Transform any space with stunning illuminations that captivate and inspire. With our innovative lighting solutions, your business will stand out and create an unforgettable atmosphere for your clients and visitors. Choose excellence in festive lighting with IllumiDEL – where light becomes a unique experience.

THE BOX



IDEAL APPLICATIONS:

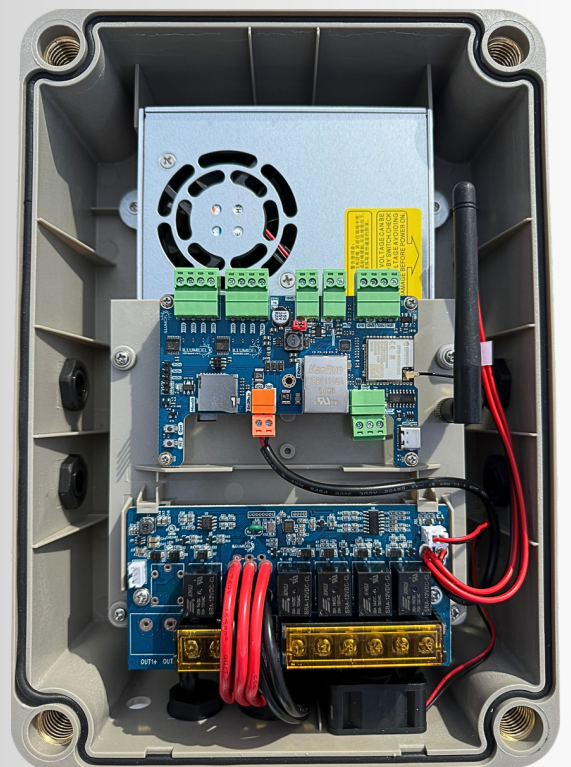
Designed for architectural lighting projects, these controllers allow you to manage dynamic animations and personalized lighting scenarios with power and precision.



Model: IllumiDEL-ControlBox-450/600

KEY FEATURES:

- DC24V power supply
 - 450W (3 X 24V 5A per channel).
 - 600W (5 X 24V 5A per channel).
- 8 data outputs: Compatible with SPI and DMX protocols (P2DMX module required for DMX).



- Durability: 12 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 APP

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

Perfect for Various Applications

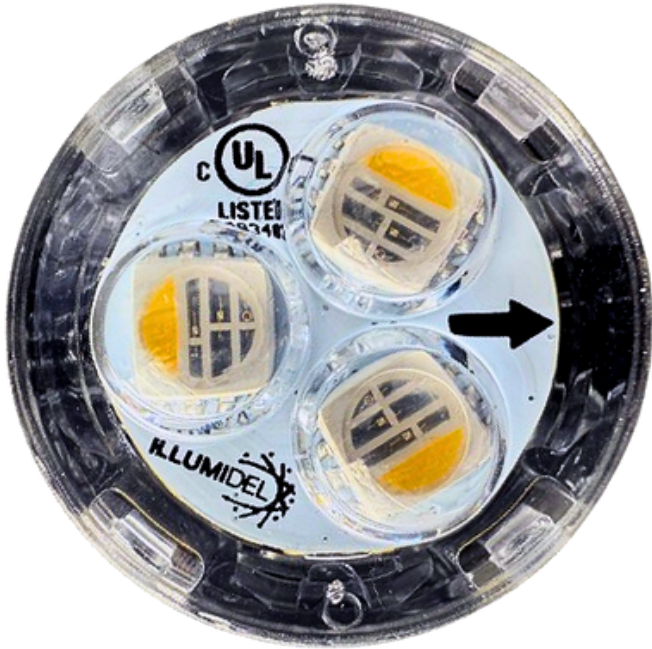
- Commercial & Architectural Lighting: Automate façade, signage, and outdoor lighting.
- Landscape & Residential Lighting: Set ambient lighting for gardens, pathways, and outdoor areas.



- Built-in Presets: Access pre-set themes like warm white, cool white, Christmas, Halloween, Valentine's Day, Easter, and more.
- Sunrise & Sunset Schedules: Automatically adjust lighting based on daily sunrise and sunset times.
- Customization: Create custom lighting scenarios and schedule effects.
- Automation: Program your lights and synchronize them with your events.



THE PIXEL



30mm Addressable RGBW
LED Pixel

Model: IllumiDEL-Pixel-30-SPI

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
9. Warranty: 12 years
10. Working Temperature: -40°C to 60°C
11. Certification: cULus

Precision & Versatility in Architectural Lighting

The IllumiDEL Pixel 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.

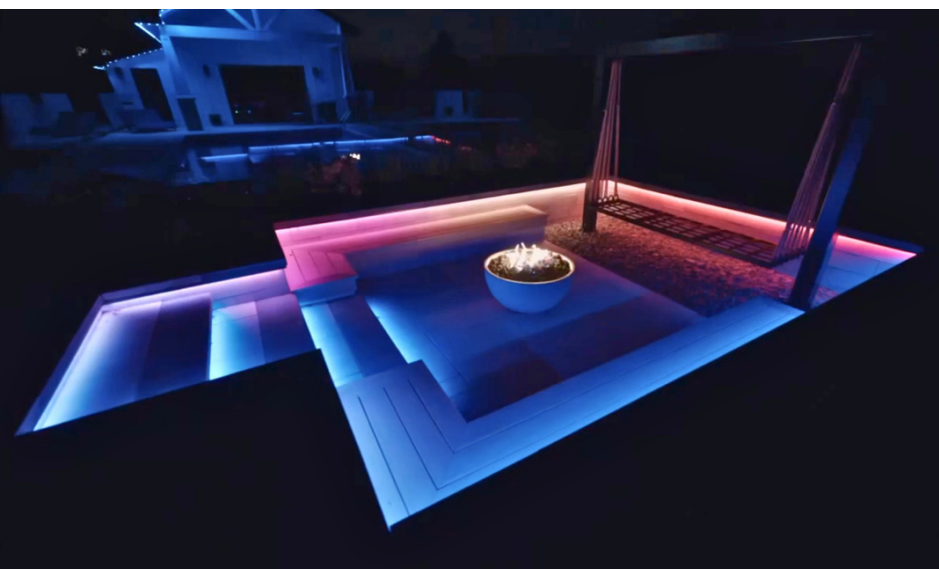


THE STRIP

60 LEDs Addressable RGBW Light Strip

Model: IllumiDEL-Strip-SPI

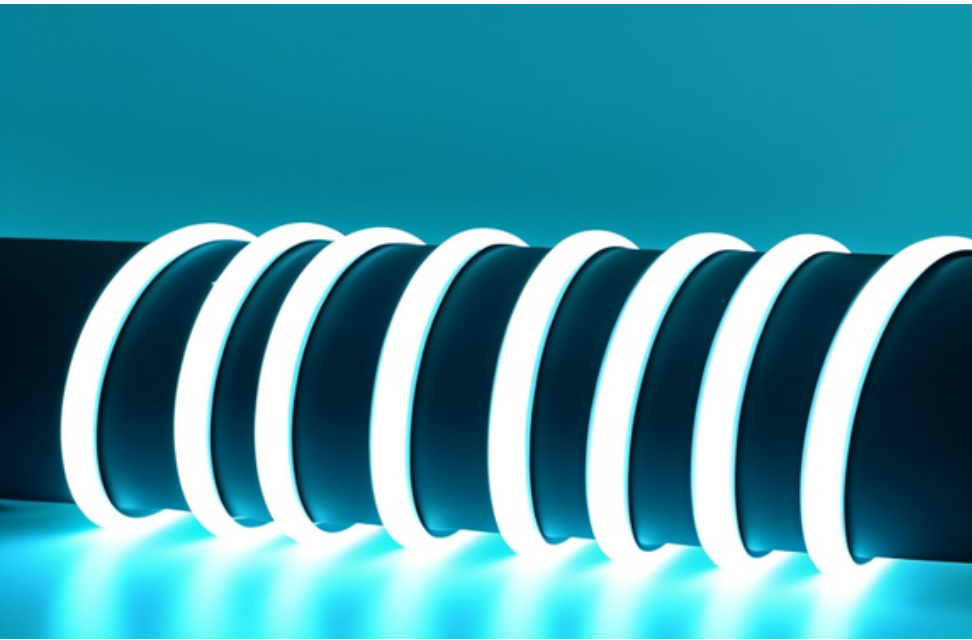
1. Dimensions: 15mm, 5m 10m 14m/roll
2. Power: 17W/m
3. Voltage: 24V
4. Led type: SMD5050, high brightness led
5. Led quantity: 60leds/m
6. Led color: RGBW 2700K SPI
7. Cut length: 100mm
8. PCB material: double sides
9. Life time: 50000 hours
10. IP grade: IP68
11. Warranty: 3 years
12. Working Temperature: -40°C to 60°C
13. Certification: cULus



High-Brightness, Dynamic Lighting Solution

The IllumiDEL LED Strip 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: IllumiDEL-COB-840-SPI

1. Dimensions: 12mm, 5m 10m/roll
2. Power: 16W/m
3. Voltage: 24V
4. LED quantity: 840LEDs/m
5. LED color: RGBW 2700K SPI
6. Cut length: 100mm
7. PCB material: double layer FPC
8. Life time: 36000 hours
9. IP grade: IP68
10. Warranty: 3 years
11. Working Temperature: -40°C to 60°C
12. Certification: cULus

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.

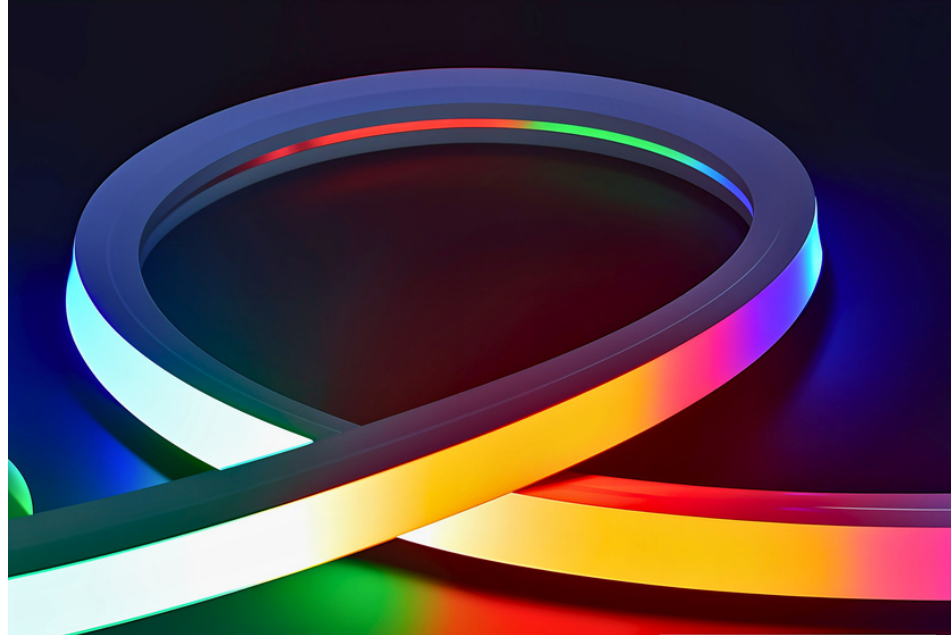


THE NEON

60 LEDs Addressable RGBW Neon

Model: IllumiDEL-Neon-SPI

1. Dimensions: 20X20mm, 5m 10m 14m/roll
2. Power: 17W/m
3. Voltage: 24V
4. LED quantity: 60LEDs/m
5. LED color: RGBW 2700K SPI
6. Cut length: 100mm
7. PCB material: double layer FPC
8. Life time: 50000 hours
9. IP grade: IP68
10. Warranty: 3 years
11. Working Temperature: -40°C to 60°C
12. Certification: cULus



High-Performance Neon Flex Strip

The IllumiDEL Neon Strip is a premium flexible neon LED strip, designed for seamless, vibrant illumination in both indoor and outdoor applications. Featuring RGBW 2700K 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



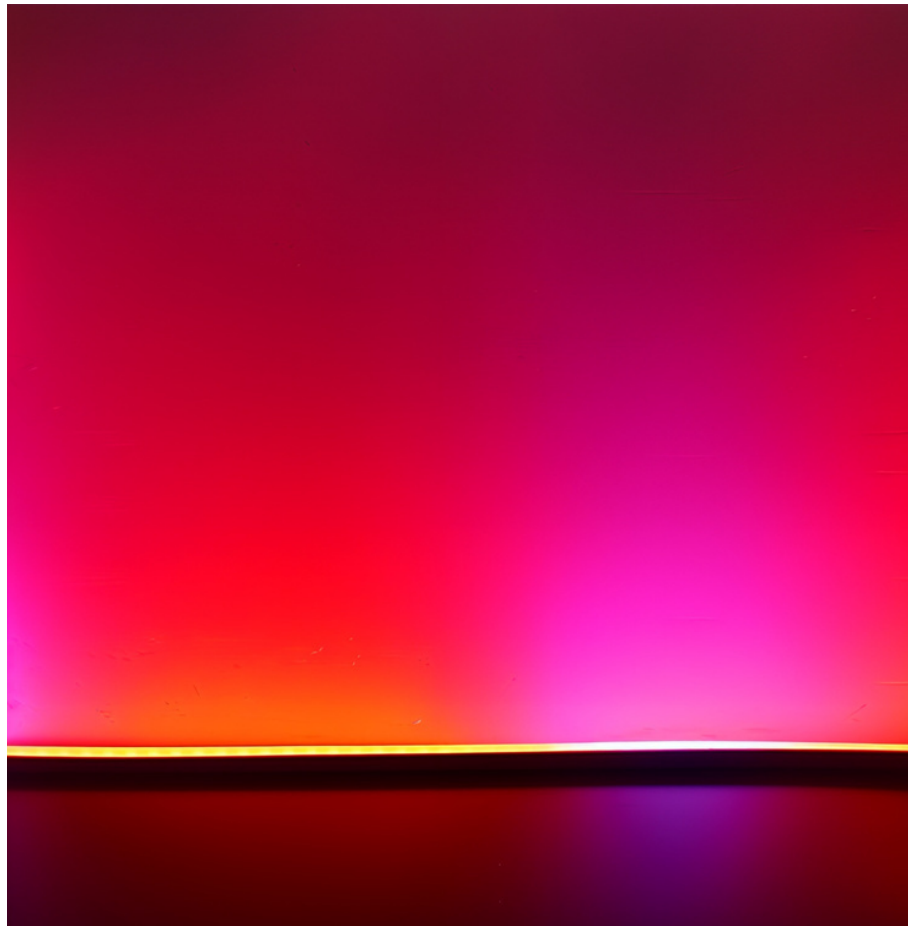
**60 LEDs Addressable RGBW
Wall Wash**

Model: IllumiDEL-Wash-SPI/DMX

1. Dimensions: 15mm, 5m/roll
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
10. Warranty: 3 years
11. Working Temperature: -40°C to 60°C
12. Certification: cULus

High-Performance Wall Wash Lighting

The IllumiDEL WallWash 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 or DMX 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



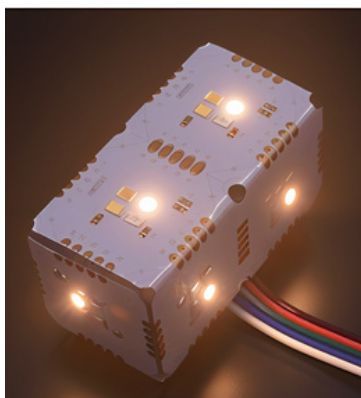
192 LEDs Addressable RGB Sheet

Model: IllumiDEL-Sheet-SPI

1. Dimensions: 490X250mm
2. Power: 42W
3. Voltage: 24V
4. LED quantity: 192LEDs/Sheet
5. LED color: RGB SPI
6. Cut length: every 6 pixels
7. PCB material: double layer FPC
8. Life time: 50000 hours
9. IP grade: IP54
10. Warranty: 3 years
11. Working Temperature: -40°C to 60°C
12. Certification: cULus

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 SPOTS



Model: IllumiDEL-Spot6-SPI

1. Dimensions: 85X150X213mm
2. Power: 6W
3. Voltage: 24V
4. Beam angle: 15°
5. LED quantity: 6
6. LED color: RGBW 3000K SPI
7. Shell Color: Black
8. Life time: 50000 hours
9. IP grade: IP67
10. Warranty: 3 years
11. Working Temperature: -40°C to 60°C
12. Certification: cULus

IllumiDEL Landscape Lighting Series

The IllumiDEL Spot Lighting Series offers high performance, energy-efficient LED lighting solutions designed for gardens, pathways, facades, and architectural accents. These fixtures provide exceptional brightness, customizable colors, and advanced control options, ensuring stunning visual effects.



Model: IllumiDEL-Spot18-SPI/DMX

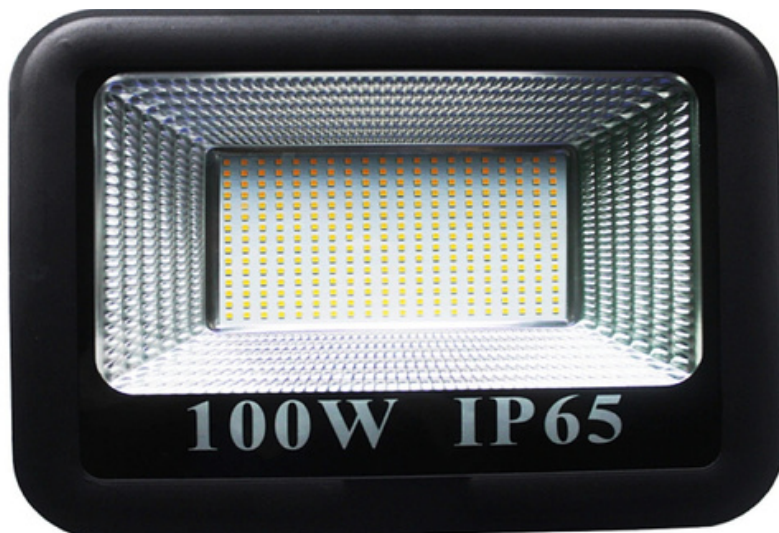
1. Dimensions: 140X140X83mm
2. Power: 18W
3. Voltage: 24V
4. Beam angle: 15°
5. LED quantity: 18
6. LED color: RGBW 3000K SPI/DMX
7. Shell Color: Silver/Grey
8. Life time: 50000 hours
9. IP grade: IP67
10. Warranty: 3 years
11. Working Temperature: -40°C to 60°C
12. Certification: cULus



THE SPOTS

Model: IllumiDEL-Spot36/50-DMX

1. Dimensions: 250X158X211.5mm
2. Power: 36/50W
3. Voltage: 24V
4. Beam angle: 15°
5. LED quantity: 36/50
6. LED color: RGBW 3000K DMX
7. Shell color: Silver/Grey
9. Life time: 50000 hours
10. IP grade: IP65
11. Warranty: 3 years
12. Working Temperature: -40°C to 60°C
13. Certification: cULus

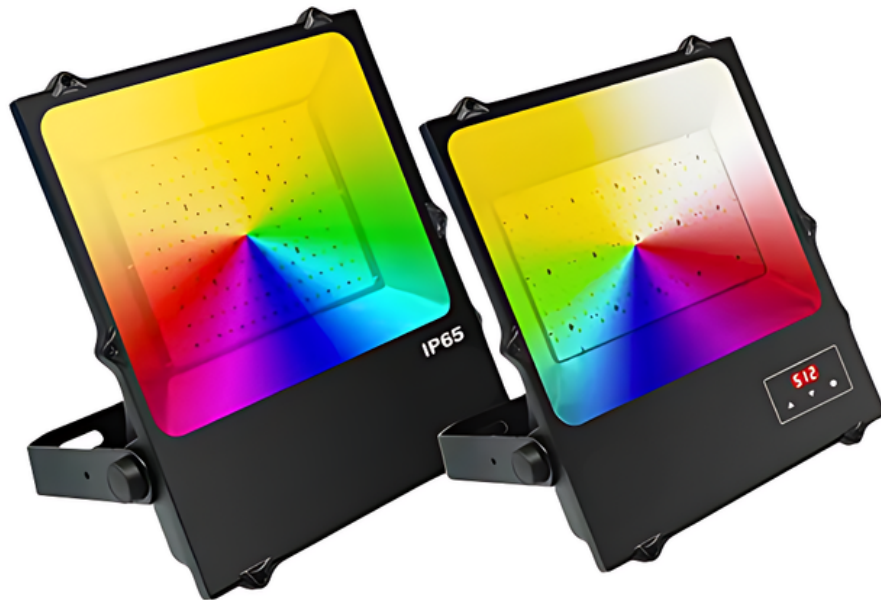


Model: IllumiDEL-Spot100-DMX

1. Dimensions: 325X246X75mm
2. Power: 100W
3. Voltage: 24V
4. Beam angle: 120°
5. LED quantity: 300
6. LED color: RGBW 3000K DMX
7. Shell Color: Black
8. Life time: 50000 hours
9. IP grade: IP65
10. Warranty: 3 years
11. Working Temperature: -40°C to 60°C
12. Certification: cULus



THE FLOOD

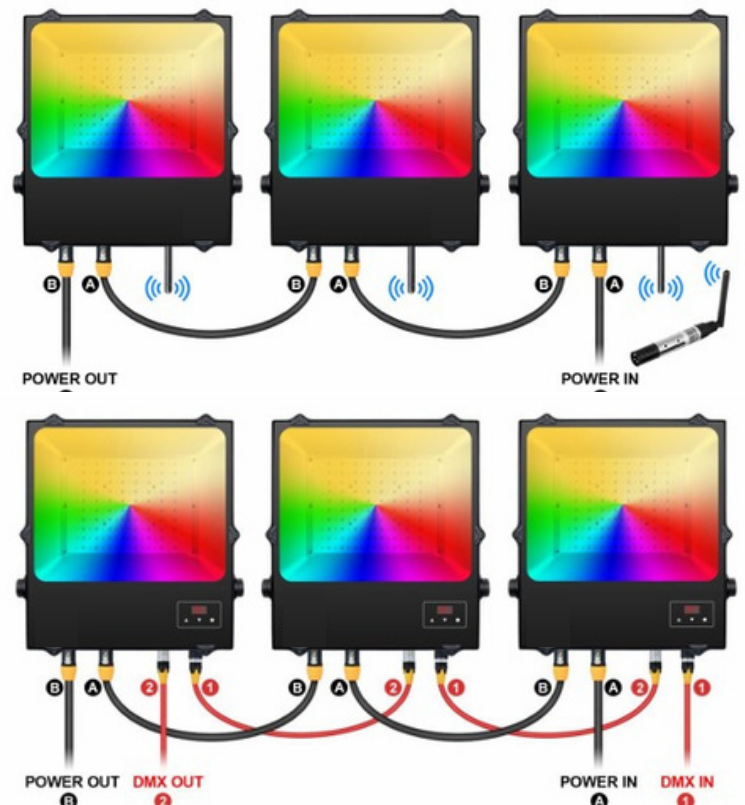


Model: IllumiDEL-Flood-100/200/300/450-DMX

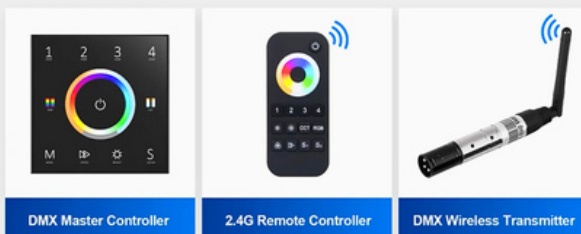
1. Dimensions: 413X315X63 and +
2. Power: 100W 200W 300W 450W
3. Voltage: 100-277V
4. Beam angle: 20°/30°/60°/90°/(120° default)
5. LED quantity: 120 and +
6. LED color: RGBW 3000K DMX/RF
7. Shell Color: Black
8. Life time: 50000 hours
9. IP grade: IP65
10. Warranty: 3 years
11. Working Temperature: -40°C to 60°C
12. Certification: ETL

IllumiDEL Flood Series: 100W, 200W, 300W, 450W

The IllumiDEL Flood Series is a high performance, energy-efficient lighting solution engineered for architectural, commercial, and landscape applications. Designed for durability and precision, these RGBW LED floodlights offer exceptional brightness, uniform illumination, and advanced control options through DMX or RF technology.



Control Method Option



THE TRACKS

IllumiDEL Pixel Tracks are crafted from high quality Gentek aluminum, ensuring durability and a sleek, aesthetic finish with over **120 customizable color options**. Designed for seamless architectural and holiday lighting, these tracks integrate effortlessly into any custom installation.

Key Features:

- **Premium Material:** Ultra-strong Gentek aluminum, available in a wide range of colors.
- **Optimized Length:** Standard 6-foot rails for easy and efficient installation.
- **Customizable Perforations:** 30mm holes available at:
 - 8-inch spacing
 - 4-inch spacing
 - 2-inch spacing

Installation Options:

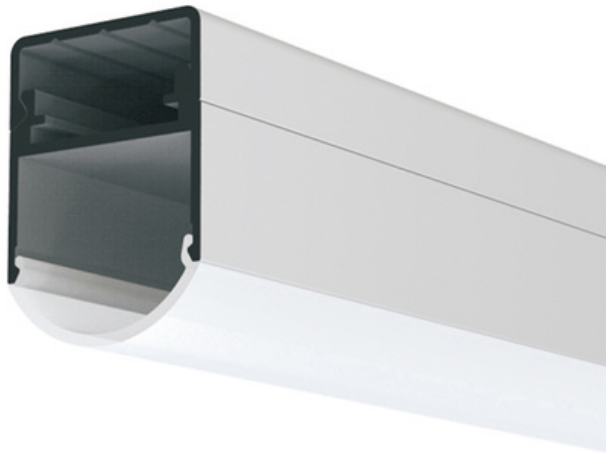
- **Soffit Rail:** Discreet mounting under eaves for a clean, integrated look.
- **Mural Mounting:** Facade installation for bold architectural effects.

Perfect for holiday lighting, commercial facades, and residential accents, IllumiDEL Pixel Tracks provide a versatile and professional solution for your lighting projects.



THE TRACKS

IllumiDEL LED profiles are crafted from high quality Aluminum Alloy 6063-T5, a material renowned for its outstanding properties. This alloy offers an excellent strength-to-weight ratio, providing both durability and a lightweight design. Its natural corrosion resistance ensures long-lasting performance, even in challenging environments. Additionally, the high thermal conductivity of 6063-T5 enhances heat dissipation, promoting efficient operation and extending the lifespan of LED lighting systems.

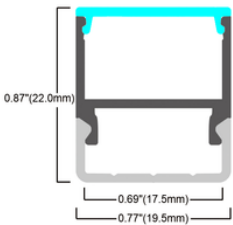


The smooth surface finish and high quality anodization of IllumiDEL aluminum profiles enhance both their aesthetic appeal and functional performance. The anodized coating not only adds a sleek, modern look but also provides an extra layer of protection against wear, oxidation, and UV exposure.



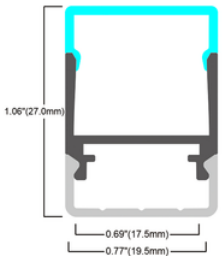
Model: IllumiDEL-Track2100A

COLOR



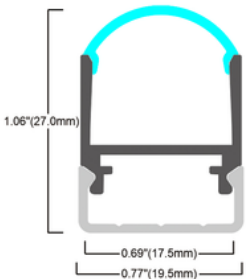
Model: IllumiDEL-Track2100B

COLOR



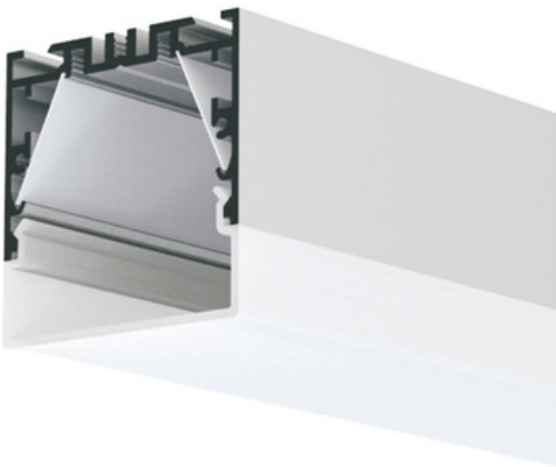
Model: IllumiDEL-Track2100C

COLOR



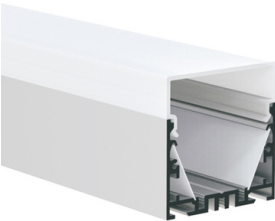
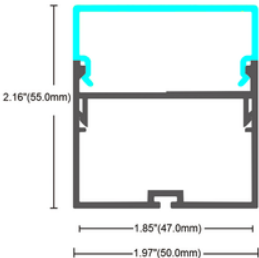
THE TRACKS

Our LED light diffusers are made from high-quality polycarbonate material, chosen for its exceptional durability and performance. Known for its superior impact resistance, polycarbonate ensures long-lasting reliability, even in tough conditions. Its excellent light transmission properties allow for efficient diffusion, delivering smooth and uniform illumination. Additionally, the UV-resistant nature of polycarbonate helps maintain clarity and prevents discoloration over time, ensuring consistent performance for years to come.



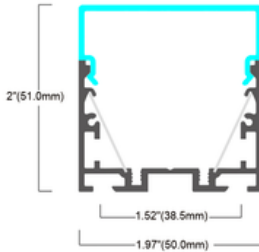
Model: IllumiDEL-Track3100

COLOR   



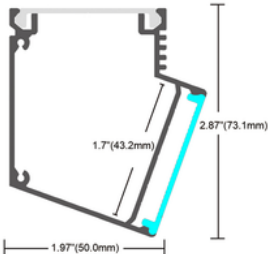
Model: IllumiDEL-Track4100B

COLOR   



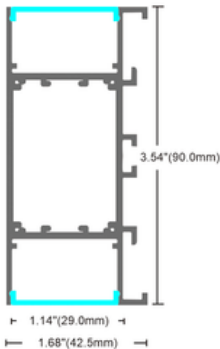
Model: IllumiDEL-Track5100

COLOR   



Model: IllumiDEL-Track9100

COLOR   

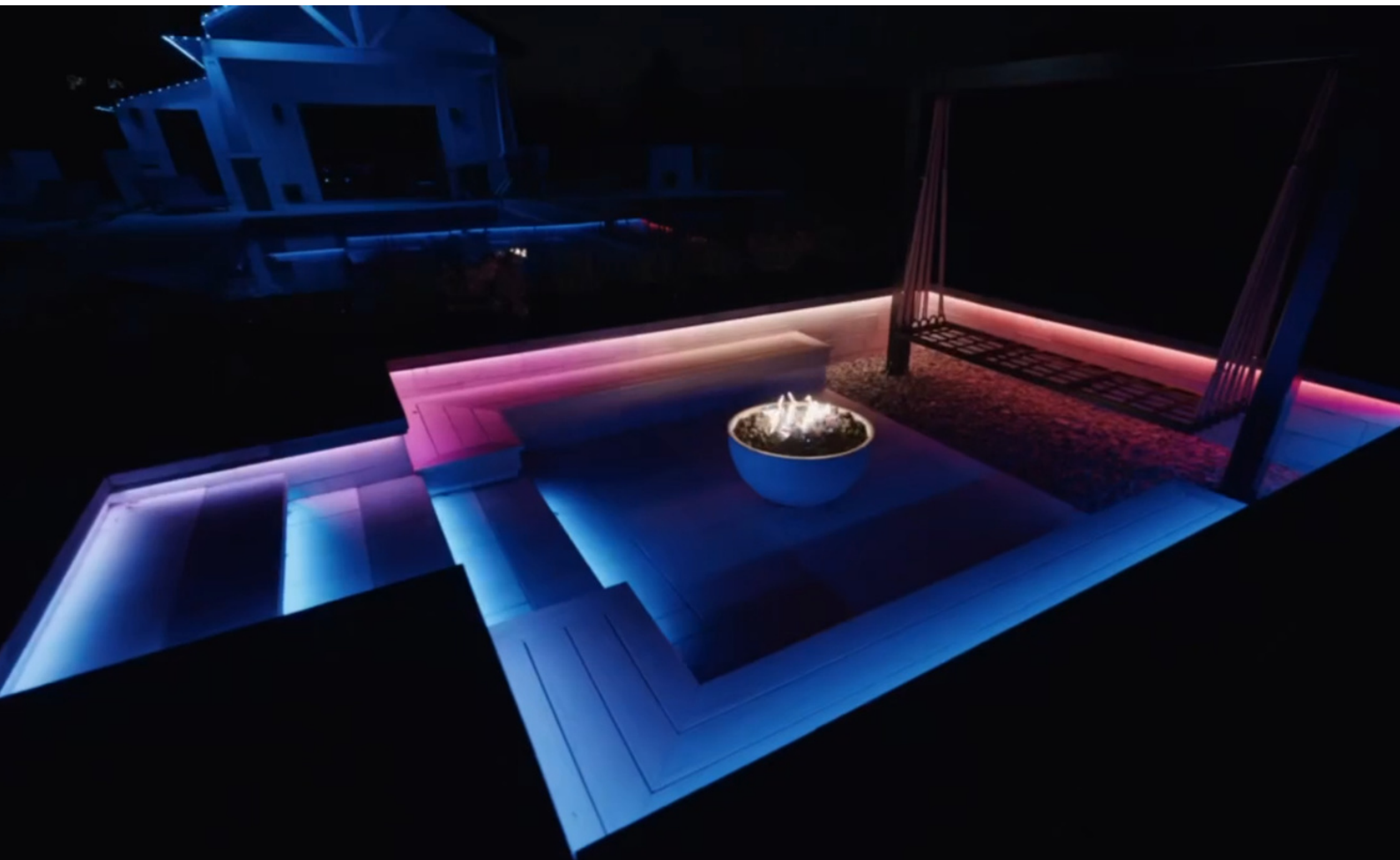


ILLUMIDEL Signature

At IllumiDEL, we take pride in offering high-quality products, meticulously crafted and assembled locally in Boucherville, Canada, with expertise and care.

By choosing IllumiDEL, you support the local economy while investing in products designed with exceptional attention to detail at every stage of production.

Proudly Canadian. Quality, reliability, and local craftsmanship—our promise to you.







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