

## LumaH2O IP68 RGBIC Waterproof LED Tapelight

Transform pools, pavers, and outdoor environments with the power of dynamic programmable lighting. LumaH2O™ is a professional-grade IP68 fully waterproof RGBIC LED tapelight engineered specifically for aquatic and hardscape applications where durability, reliability, and visual impact are essential.

Designed for luxury residential and commercial installations, LumaH2O™ delivers vivid multi-color chasing effects, ultra-long continuous runs, and intelligent signal redundancy technology — making it ideal for pools, paver systems, architectural landscapes, and large-scale programmable lighting projects.

### Brilliant RGBIC Dynamic Lighting

Featuring premium 5050 RGB LEDs controlled by advanced TM1934A external IC technology, LumaH2O™ produces smooth flowing animations, color chasing sequences, gradients, and fully customizable lighting scenes with exceptional brightness and color consistency.

The result is fluid, high-resolution digital lighting effects perfect for creating immersive outdoor and aquatic environments.

### Engineered for Long-Distance Performance

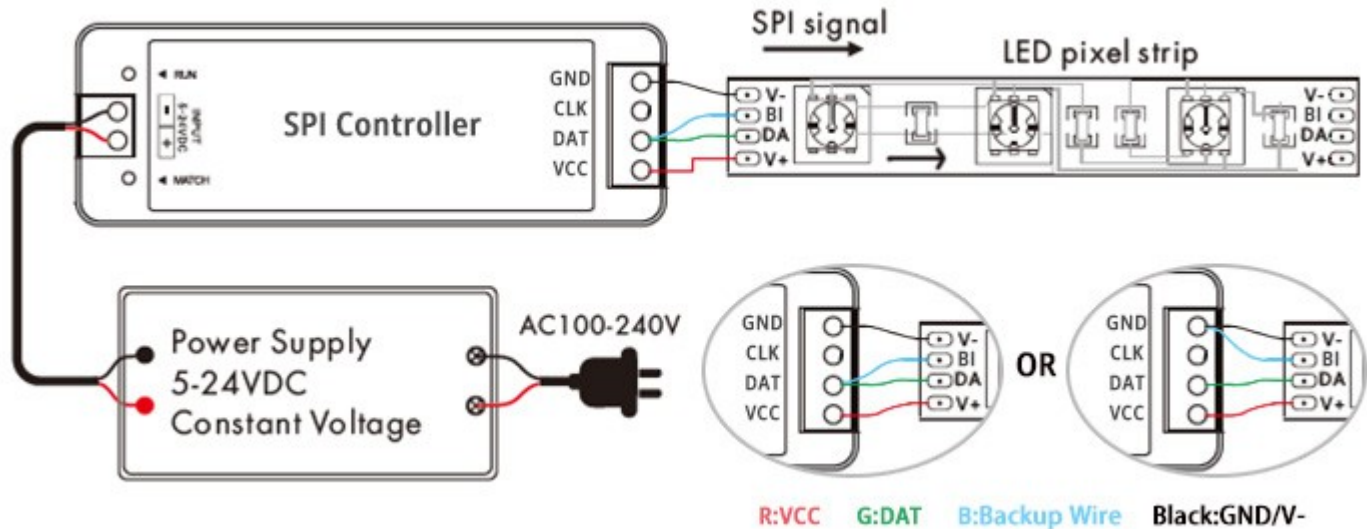
Unlike conventional LED strips that experience noticeable voltage drop over long runs, LumaH2O™ maintains consistent brightness and color accuracy across the full 20-meter length.

Its efficient 24V design allows the strip to be powered from one end only, significantly reducing wiring complexity and installation time while improving system reliability for larger projects.

Built with true IP68 waterproof protection, LumaH2O™ is specifically engineered for wet and exposed outdoor conditions where standard LED strips cannot perform reliably.



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Each strip includes up to 20m (65.6ft) continuous run, 60 LEDs per meter, 10 individually addressable pixels per meter, 6 LEDs per control segment, 100mm (4") cut intervals, 12mm PCB width.

Intelligent Dual-Signal Stability — Powered by TM1934A dual-signal transmission technology, similar to WS2818 architecture, LumaH2O™ is built for dependable long-term operation. If one LED becomes damaged, the signal continues transmitting through the backup data line, allowing the remainder of the strip to continue operating normally — provided two adjacent LEDs are not simultaneously damaged.

### This advanced failover capability makes LumaH2O™ especially valuable for:

- \* Permanent paver installations
- \* Commercial landscape projects
- \* Large architectural lighting applications
- \* Pool perimeter systems
- \* Resort and hospitality environments
- \* Fully Waterproof for Harsh Environments

### Ideal applications include:

- \* Swimming pools & spas
- \* Outdoor kitchens & patios
- \* Driveways & walkways
- \* Hospitality & entertainment venues
- \* Paver and pathway lighting
- \* Landscape borders & retaining walls
- \* Architectural facades
- \* Smart exterior lighting systems

### Key Specifications:

- |   |  |
|---|--|
| Voltage: 24V DC   | Length: 20m / 65.6ft                     |
| LED Type: 5050 RGB                                      | LED Density: 60 LEDs/m                   |
| IC Type: TM1934A External IC                            | Pixels: 10 pixels/m                      |
| Control Segment: 6 LEDs                                 | Cutable Every: 100mm / 4"                |
| PCB Width: 12mm   | Protection Rating: IP68 Fully Waterproof |
| Lighting Effects: Addressable RGBIC Multi-Color Chasing |  |

Built for Extraordinary Outdoor Lighting. From luxury poolscapes to high-end architectural installations, LumaH2O™ delivers intelligent, immersive lighting designed to withstand the elements while creating unforgettable visual experiences.