

Roofline Track Lighting System

24V RGBW · HOA / ARCHITECTURAL REVIEW EDITION

The Brighter Nights Roofline Track Lighting System is a permanently installed, low-voltage 24V architectural lighting system for residential rooflines. It is factory-sealed, professionally installed, and engineered for year-round outdoor service in Florida conditions. Brightness is fully adjustable and the everyday appearance is a discreet, finish-matched architectural accent, making it well suited to community appearance standards.

DESIGNED FOR COMMUNITY STANDARDS

● **Adjustable Brightness**

Light output is fully dimmable from 0 to 100 percent. The system can be set and held at a brightness level the community approves, then documented for the homeowner file.

● **Tasteful Everyday Default**

Operates as warm white architectural accent lighting, not a continuous color display. Color scenes are optional and can be reserved for approved holidays or disabled entirely.

● **Controlled Hours of Operation**

Automatic schedules dim or shut the system off at set curfew or quiet hours, with no homeowner action required.

● **Reduced Light Trespass**

Fixtures wash light along the structure rather than projecting outward, limiting spill onto neighboring properties and the night sky.

● **Discreet Appearance**

Low-profile fixtures mount flush to the fascia or soffit in bronze, white, or black to match existing trim. No bulky equipment, no exposed splices, no seasonal strings.

● **Permanent and Maintained**

Installed once by a trained contractor and backed by a ten-year system warranty, replacing ladders, temporary clips, and annual holiday-light clutter.

24V DC	0–90 lm	0.72 W	IP68/67*	12 in	10 YR
SYSTEM VOLTAGE	OUTPUT PER FIXTURE	POWER PER FIXTURE	WATERPROOF RATED	FIXTURE SPACING	SYSTEM WARRANTY

* IP68 controller and power supply; IP67 light strands and bulbs. Values shown are nominal; full engineering data available upon request.

ELECTRICAL AND OPTICAL

System Voltage	24V DC, low voltage
Power per Fixture	0.72 W
Light Output	Up to 90 lumens per fixture
Brightness Control	Continuously adjustable and dimmable,...
Diode Configuration	Three high-CRI diodes per fixture
Optics	Bubble optical lens, soft color and white...
Color	RGBW, 16 million colors, individually ad...
White Tuning	Warm 2700K to crisp 5000K
Fixture Spacing	12 inches on center

CONTROL AND SCHEDULING

Control Method	Bluetooth mesh network, one controller ...
Application	Dedicated mobile app for iOS and Andr...
Wireless Range	Approximately 200 ft open-air between ...
Network Capacity	Thousands of fixtures on a single prope...
Addressing and Zoning	Per-fixture and per-zone control (fascia,...
Scheduling	Sunset-to-curfew timers, calendar scen...
Brightness Memory	Brightness and scene settings retained;...
Additional Features	Music sync, full-range dimming, zero vi...

CONSTRUCTION AND ENVIRONMENTAL

Ingress Protection	IP68 controller and power supply; IP67 l...
Connections	Factory-sealed plug connectors, zero fi...
Cabling	Single sealed cable per run from a wate...
Controller Enclosure	Weatherproof IP68 outdoor enclosure
Mounting Surfaces	Fascia, soffit, gable, dormer, and curve...
Finishes	Bronze, White, Black
Environmental Service	Engineered for sustained sun, heavy rai...
Engineering Data	Fixture dimensions and additional docu...

WARRANTY AND DISTRIBUTION

Ten-year limited manufacturer warranty on track, light strands, power supply, connectors, amplifiers, and gateways. Three-year limited warranty on the controller, with an optional upgrade to five years. Full warranty terms available upon request.

Sold and supported through authorized Brighter Nights Lighting Technologies contractors. Professional installation is included with every system.

MANUFACTURER

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