



— EST. UTAH —

SPARK

PERMANENT LIGHTING

PERMANENT ARCHITECTURAL LIGHTING

PRODUCT CATALOG • 2026

FOR INSTALLERS & CONTRACTORS — [SPARKPERMANENTLIGHTING.COM](https://sparkpermanentlighting.com)

01 — THE COMPANY

Built in Utah. Made for the field.

Spark Permanent Lighting manufactures permanent architectural lighting systems for installers and contractors across North America. Our track is fabricated in-shop in Utah from premium aluminum, powder-coated to match any home, and paired with weather-sealed lights, controllers, and data boosters engineered for real-world jobsites.

We build for the crews who install this stuff every week. That means true wholesale pricing, custom lengths and hole spacing on request, powder-coat color matching, and shipping direct to the job site. No middleman, no reseller markup, no surprises.

100%

MADE IN USA

6.71 ft

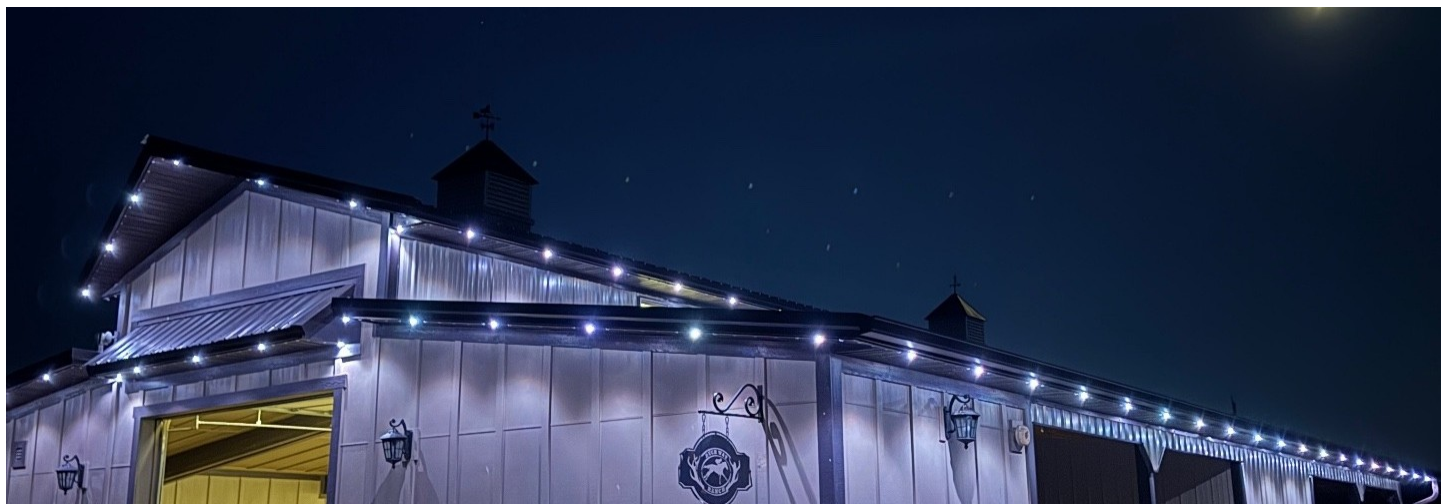
STANDARD LENGTH

30 mm

LIGHT OPENING

1-2 day

SHIP TIME



03 — TRACK SYSTEMS

Hat Track

DESCRIPTION

The Hat Track is our workhorse profile for soffit and fascia installations. A hidden channel conceals wiring while presenting a clean, uniform light line along the roof edge. Precision fabricated from premium aluminum and finished in the powder-coat color of your choice, it disappears into modern and traditional homes alike.

SPECIFICATIONS

MATERIAL	Premium Aluminum
STANDARD LENGTH	6.71 ft
LIGHT OPENING	30 mm
HOLE SPACING	8-9 in (customizable)
CUSTOM LENGTHS	On Request
FINISH	Powder-Coated
ORIGIN	Made in USA



FEATURES

- Concealed wire channel
- Snap-fit light retention
- Weather-resistant powder coat
- Field-cuttable on site
- Matches most trim colors

IDEAL APPLICATIONS

- Residential soffits & fascia
- Barns & outbuildings
- Commercial storefronts



INSTALLATION REFERENCE



MADE IN USA



CUSTOM LENGTHS



CUSTOM HOLE SPACING

04 — TRACK SYSTEMS

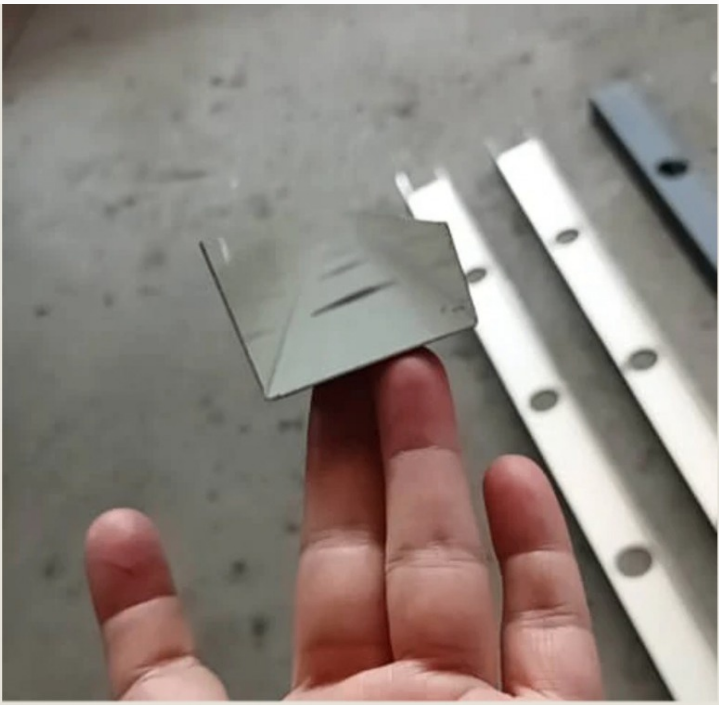
J Track

DESCRIPTION

The J Track offers a low-profile L-shape ideal for tight eaves and rooflines where a full channel isn't practical. Its clean bend hides the wire against the fascia while presenting lights outward for consistent facade illumination. Available in the same premium aluminum and powder-coat finishes as our full lineup.

SPECIFICATIONS

MATERIAL	Premium Aluminum
STANDARD LENGTH	6.71 ft
LIGHT OPENING	30 mm
HOLE SPACING	8-9 in (customizable)
CUSTOM LENGTHS	On Request
FINISH	Powder-Coated
ORIGIN	Made in USA



FEATURES

- Minimal visual footprint
- Ideal for tight rooflines
- Rigid single-bend profile
- Fast field installation
- Matches Hat Track finishes

IDEAL APPLICATIONS

- Narrow eaves
- Retrofit installations
- Accent runs
- Detached garages



05 — TRACK SYSTEMS

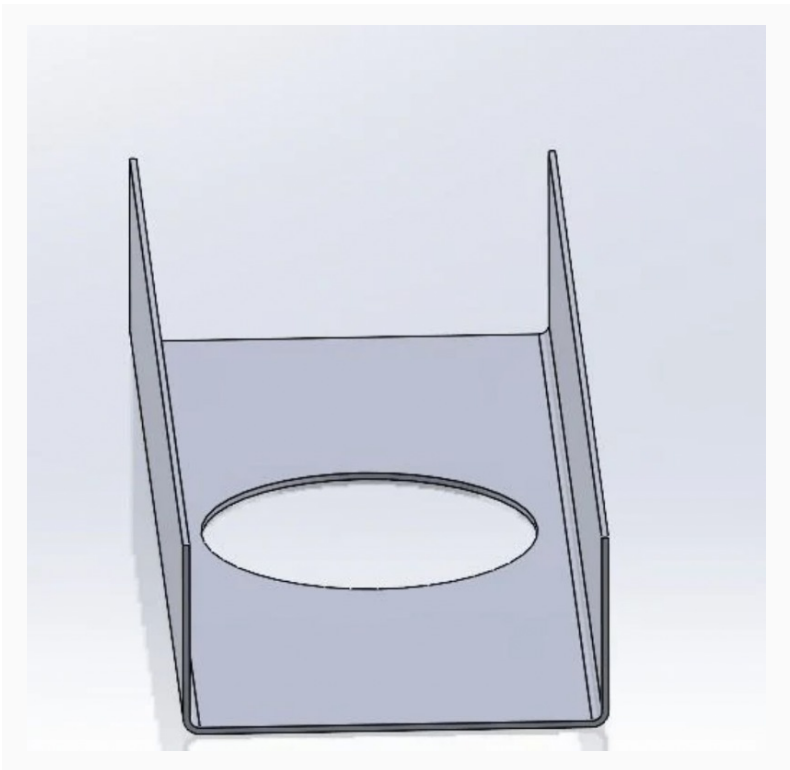
U Channel Track

DESCRIPTION

The U Channel is a double-sided track engineered for locations where lights need to face two directions from a single run — ridge caps, freestanding beams, and dual-facade layouts. The symmetric channel keeps light spacing precise on both sides while fully concealing the wire harness.

SPECIFICATIONS

MATERIAL	Premium Aluminum
STANDARD LENGTH	6.71 ft
LIGHT OPENING	30 mm
HOLE SPACING	8-9 in (customizable)
CUSTOM LENGTHS	On Request
FINISH	Powder-Coated
ORIGIN	Made in USA



FEATURES

- Double-sided light output
- Symmetric hole layout
- Full wire concealment
- Rigid extruded profile
- Custom spacing available

IDEAL APPLICATIONS

- Ridge lines
- Freestanding beams
- Center-of-roof runs
- Architectural columns



MADE IN USA



CUSTOM HOLE SPACING



CUSTOM LENGTHS

Commercial Track

DESCRIPTION

The Commercial Track is our heavy-duty profile built for larger buildings, longer runs, and demanding architectural details. Deeper channel geometry accommodates larger wire gauges and higher light densities without sacrificing the clean visual line that defines a Spark install.

SPECIFICATIONS

MATERIAL	Premium Aluminum
STANDARD LENGTH	6.71 ft
LIGHT OPENING	30 mm
HOLE SPACING	8-9 in (customizable)
CUSTOM LENGTHS	On Request
FINISH	Powder-Coated
ORIGIN	Made in USA



FEATURES

- Heavy-gauge extrusion
- Deep wire channel
- Higher light density support
- Long-run engineered
- Commercial powder-coat

IDEAL APPLICATIONS

- Storefronts & retail
- Hospitality buildings
- Municipal facilities
- Large-scale residential

PREMIUM ALUMINUM

MADE IN USA

CUSTOM LENGTHS

LED Puck Lights

DESCRIPTION

Sealed, low-voltage puck fixtures with three individually addressable RGBW LEDs per node. Sixteen million color combinations, tunable warm white, and full smart-controller programming — inside a weather-tight housing engineered for year-round outdoor exposure. Available in 12V, 24V, 36V, and 48V.

SPECIFICATIONS

LEDS PER NODE	3 x RGBW
INGRESS RATING	IP67
CONNECTOR	Weatherproof push-lock
HOUSING	UV-stable polymer
CERTIFICATION	cUL Listed

VOLTAGE OPTIONS

VOLTAGE	BEST FOR	PRICE
12V DC	Short runs, entry tier	\$1.72/bulb
24V DC	Mid runs, most homes	\$1.77/bulb
36V DC	Long runs, large homes	\$1.80/bulb
48V DC	Commercial / longest runs	\$2.92/bulb



FEATURES

- 16.7M color combinations
- Tunable warm white
- Individually addressable
- IP67 weather-sealed
- Smart-controller compatible

IDEAL APPLICATIONS

- Roofline permanent lighting
- Landscape accent runs
- Seasonal color displays

Controller Box

DESCRIPTION

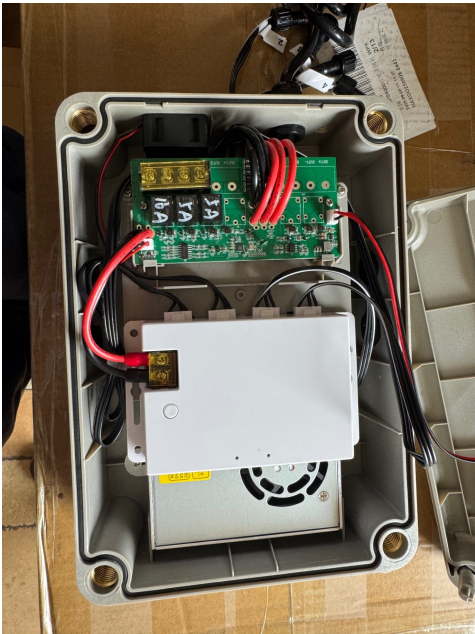
The brain of every Spark install. A sealed weatherproof enclosure houses the smart controller, on-board DC power supply, and multi-channel output board with per-output fusing. Wire in once, control from anywhere. Matched to your light run in 12V, 24V, 36V, or 48V.

SPECIFICATIONS

ENCLOSURE	Sealed weatherproof
INPUT	120V AC
CONTROL	Wi-Fi smart controller
FUSE RATING	5A per channel
MOUNTING	Wall / soffit

VOLTAGE OPTIONS

OUTPUT	PAIRS WITH	PRICE
12V DC	Pairs with 12V lights	\$450
24V DC	Pairs with 24V lights	\$500
36V DC	Pairs with 36V lights	\$550
48V DC	Pairs with 48V lights	\$600



FEATURES

- Per-channel fusing
- Integrated DC power supply
- Wi-Fi app control
- Scene & schedule programming
- Field-serviceable

IDEAL APPLICATIONS

- Whole-home installs
- Multi-run properties
- Commercial buildings
- Zone-based lighting

Data Boosters

DESCRIPTION

Data Boosters regenerate the light-data signal on long runs to keep every LED in perfect sync. Installed inline between segments, they compensate for voltage drop and signal degradation so the far end of a 300-foot run stays as crisp as the first light off the controller.

SPECIFICATIONS

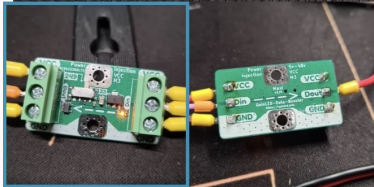
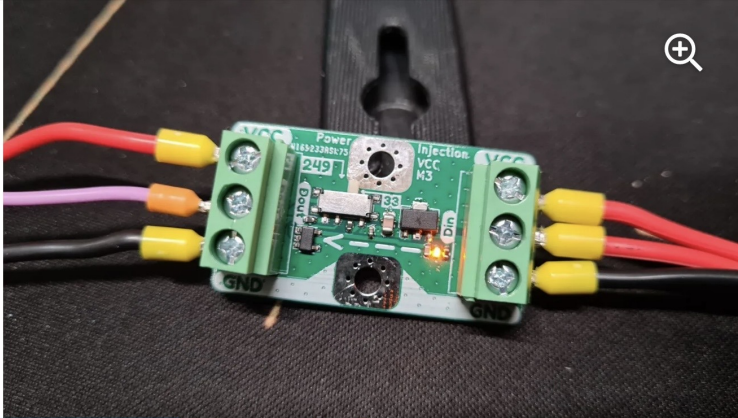
INPUT VOLTAGE	5V – 48V DC
SIGNAL	Regenerated Din → Dout
TERMINALS	Screw + power injection
INDICATOR	Power / activity LED
MOUNTING	Track-integrated
HOUSING	PCB with silicone potting option
ORIGIN	Sourced & tested in USA

FEATURES

- Regenerates data signal
- Inline power injection
- Wide voltage tolerance
- Screw-terminal wiring
- Compact PCB footprint

IDEAL APPLICATIONS

- Long runs (100 ft+)
- Multi-segment installs
- Signal drop repair
- Commercial-scale layouts




PREMIUM ALUMINUM


CUSTOM LENGTHS


MADE IN USA

10 — SYSTEM

Accessories.

Every Spark install ships complete. Our accessory catalog covers every wire, connector, and mounting detail your crew needs to close out a job in a single trip — sourced to the same specification as our tracks and controllers.

Push-lock Connectors

Weatherproof male / female pairs for inline splicing.

Power Injection Leads

Pre-tinned leads for mid-run voltage injection.

Track End Caps

Powder-coated finish caps in every stock color.

Mounting Hardware

Stainless screws, standoffs, and fascia clips.

Extension Cables

1 ft, 3 ft, 6 ft, and 10 ft weatherproof runs.

Replacement Fuses

5A blade fuses for controller output channels.



MADE IN USA



FAST SHIPPING



PREMIUM ALUMINUM



POWDER-COATED

Technical Specs.

TRACK SYSTEMS

MATERIAL	6000-series premium aluminum
STANDARD LENGTH	6.71 ft (2045 mm)
LIGHT OPENING DIAMETER	30 mm
STANDARD HOLE SPACING	8-9 in (customizable)
CUSTOM LENGTHS	Cut-to-order on request
FINISH	Powder-coated, multiple colors
WIRE CHANNEL	Concealed, internal
FABRICATION	Made in USA, Utah shop

LIGHTS & ELECTRONICS

LIGHT VOLTAGE	12V / 24V / 36V / 48V DC
LEDS PER NODE	3 x RGBW
INGRESS RATING	IP67
CONTROLLER INPUT	120V AC
CONTROLLER OUTPUTS	Multi-channel, fused
FUSE RATING	5A per channel
DATA BOOSTER INPUT	5–48V DC
CERTIFICATION	cUL Listed

WHAT SETS US APART



MADE IN USA



CUSTOM LENGTHS



CUSTOM HOLE SPACING



POWDER-COATED



PREMIUM ALUMINUM



FAST SHIPPING

MANUFACTURER WARRANTY

Every Spark track and electronic component is backed by our manufacturer warranty with priority replacement for wholesale accounts. Warranty terms, current color options, and lead-time details are available on request.

Let's build.

Wholesale pricing. Job-site shipping. Real installer support.

WEBSITE

sparkpermanentlighting.com

Full catalog, wholesale application, spec downloads.

INSTALLERS

sparkpermanentlighting.com/installers

Apply for wholesale pricing and net terms.

CONTACT

sparkpermanentlighting.com/contact

Direct line to our sales and support team.

ORIGIN

Utah, USA

Fabricated, assembled, and shipped from our Utah shop.
