



PDQ restaurant chain

Powered by LumaStream™

Partner Program Criteria and Benefits

The **Powered by LumaStream** program is a joint partnership between LumaStream and select luminaire manufacturers who produce LED luminaires compatible with LumaStream's unique DC power distribution and remote driver technology. We're leading in improving the performance and reliability of LEDs with DC power distribution and invite you to join us.

*MIT Technology
Review predicts
DC will be 50%
of electricity
consumption within
the next 20 years.*

DC Power Distribution for LEDs

LEDs require DC power. But, converting AC to DC at every LED luminaire is inefficient and impractical. Using DC power distribution to drive LEDs simplifies and reduces the cost of luminaire design, manufacturing, and agency approvals because the bulky, fragile, and complex electronics are removed from the fixture.

LumaStream technology enables LED luminaire manufacturers to expand their LED portfolio, applications, and market reach to low-voltage, DC power applications. Beyond that, the program offers you clear leadership and differentiation in a crowded marketplace.

Our Technology

The LumaStream Trinity 3-in-1 power supply platform combines digital power conversion, constant current drivers, and superior dimming control into one cohesive LED power supply. The LumaStream core processor digitally manages power conversion and control at once, making it the only technology on the market to achieve true, flicker-free LED dimming to 0.2%.

LumaStream Trinity remote power supply benefits:

- Powers LED luminaires up to 200 ft. from driver on Class 2 infrastructure, significant savings in installation labor and material cost
- 240 watt, 87% power efficiency across wide range of loads and dimming levels
- Best-in-class, flicker-free dimming to 0.2%
- Dramatic increase in lifespan, reliability, and performance of LEDs
- Significant maintenance cost savings
- Analog and digital (DMX) control protocol options; DALI in development
- Only multi-channel **UL listed** LED power supply

Program Overview

Technical requirements for LED luminaires to be “Powered by LumaStream”

- Drive current: factory programmable 300-1400 mA
- Forward voltage: two platforms, 27 Vf & 47 Vf max
- Optimal LED string voltages: 27 Volt platform 6, 12, 24; 47 Volt platform 6, 9, 21, 42, 45
- Optimal lumen output: 300-3500 lumens typical

LED luminaires selection and qualification

- LumaStream conducts QA testing with its remote driver platform
- UL/TUV listing and IES files required
- LumaStream provides technical documentation and support to partner

Co-branding and co-marketing

- “Powered by LumaStream” tagline appears on partner product marketing
- LumaStream promotes partner LED luminaires on its website and specifies them in client projects
- LumaStream provides low-voltage LED case studies for partner use
- Partners offer LumaStream Trinity power supplies on their websites, and through other channels

Sales and distribution channels

- Powered by LumaStream partners get client protection for their named accounts
- LumaStream sells directly to national corporate accounts and their franchisees, general contractors, electrical contractors, or low-voltage integrators; not through distributors or agents
- LumaStream markets partner LED luminaires at agreed upon pricing levels and as part of complete lighting systems
- LumaStream makes its Trinity power supply platform available to program partners to be sold through their distribution channels

LumaStream contacts

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