GE
Lumination

Tetra® Ultra
LED Lighting System

VERSATILE CONSTRUCTION
This robust system was designed to fit into medium size channel letter sets and a variety of other signage and architectural applications. The rugged design provides the user increased flexibility with LED spacing to achieve optimal light output.

EXCELLENT APPEARANCE
By combining high-brightness LEDs with advanced thermal management design, the patent-pending Tetra® Ultra LED lighting system provides outstanding light and color uniformity across a variety of lighting applications.

SIMPLE INSTALLATION
This low-voltage (24 VDC) system features a polarity insensitive electrical design that eliminates the need to match +/- wires. This allows wire connections to be made with ease, simplifying the installation in new or retrofit applications.

REDUCED MAINTENANCE AND SERVICE
Durable, impact resistant construction provides long life, while contributing to the system's superior cold weather operation and performance compared to neon lighting. This long life advantage and the system's low-voltage operation help reduce maintenance costs.

ENERGY EFFICIENT
Features a low energy consumption of 1.11 watts per foot (3.64 watts per meter).

EXTENDED WARRANTY
GE offers a four (4) year limited warranty that provides up to 35,000 hours of continuous protection.

APPLICATIONS
Channel letters, reverse halo, cove lighting, canopy lighting and accent lighting.

Channel Letter

Reverse halo


Cove

imagination at work

Competitive Comparison Chart

Attributes	YES	NO	Attribute Importance
Low Energy Consumption	☑	☐	Typical load of 1.11 watts per foot (3.64 watts per meter).
User Friendly Installation	☑	☐	Patent-pending design allows for fast installation in new & retrofit applications.
Thermal Management	☑	☐	The Tetra Ultra LED Lighting System is optimized to draw heat away from the LED. The LEDs operate below the maximum operating current which maximizes LED life and minimizes lumen depreciation.
Corrosion Protection	☑	☐	The system is completely encased in thermoplastic to provide protection against harmful environments.
UL Recognized System UL Classified System CSA Approved System CE Approved System C-tick Approved System RoHS Compliant	☑	☐	The Tetra Ultra LED Lighting System carries UL Recognition and classification for US, CSA for Canada, CE for Europe and C-tick for Australia. RoHS Compliant.
System Warranty	☑	☐	GE offers a limited system warranty of up to four (4) years.
Regulated Power Supply	☑	☐	The power supplies are Class II rated. All power supplies regulate output voltage to provide optimal LED performance.

Technical Specifications

Specification Item	Specification
LED Colors	White
Typical Power Usage	White: 1.11 watts per foot (3.64 watts per meter)
Power Supply	GEXNPS30 & GEXNPS31
Typical Output Voltage	24 VDC
Input Voltage	96 to 264 VAC and 50/60 Hz
Input Current	0.20 A or 0.93 A (depending on power supply)
Operating Environment	Power Supply: -40°C to +60°C Tetra Ultra Strip: -40°C to +65°C
System Certifications	Tetra Ultra LED Lighting System UL Recognized #:E219167, UL Classified #:E229508, CSA Approved #:216319 & CE, C-tick & RoHS IP66 rated: Separate enclosure required, damp location rated

E219167 1YA1 Retrofit Sign Conversion E229508 6NA2 216319

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