

## Components

| Product code | SKU   | Description   | EEC | Energy Consumption | Package Quantity        |
|--------------|-------|---|-----|--------------------|-------------------------|
| GEWHBIP2     | 98546 | Tetra EdgeStrip 7100K   | A++ | 2.64               | 32 Modules              |
| GEWWBIP2-50K | 98548 | Tetra EdgeStrip 5000K   | A++ | 2.64               | 32 Modules              |
| GEWWBIP2-41K | 98547 | Tetra EdgeStrip 4100K   | A+  | 2.64               | 32 Modules              |
| GEWWBIP2     | 61322 | Tetra EdgeStrip 3200K   | A+  | 2.64               | 32 Modules              |
| GEBIH71-1    | 98958 | Tetra EdgeStrip High Output 7100K                                 | A+  | 5.94               | 32 Modules              |
| GEBIH50-1    | 98959 | Tetra EdgeStrip High Output 5000K                                 | A+  | 5.94               | 32 Modules              |
| GEBIH41-1    | 98960 | Tetra EdgeStrip High Output 4100K                                 | A   | 5.94               | 32 Modules              |
| GEBIH32-1    | 98961 | Tetra EdgeStrip High Output 3200K                                 | A   | 5.94               | 32 Modules              |
| 9409         | 68347 | 18 AWG Supply Wire (0.82 mm <sup>2</sup> )                        | -   | -                  | 500 ft./spool (152.4 m) |
| 191600041    | 98509 | 22-14 AWG Twist-On Wire Connectors (0.33 - 2.08 mm <sup>2</sup> ) | -   | -                  | 500/PK                  |
| 192160004    | 98524 | 18-14 AWG In-line Connectors (IDC) (0.82 - 2.08 mm <sup>2</sup> ) | -   | -                  | 500/PK                  |

## Technical Specifications

| Specification Item          | Wavelength   | Typical Brightness (lumens/module) | LEDs/Module | Energy Consumption (Strip/Module) | Energy Consumption (System/Module) | Power Supply Loading | Viewing Angle |
|-----------------------------|--------------|------------------------------------|-------------|-----------------------------------|------------------------------------|----------------------|---------------|
| Tetra EdgeStrip             | 7100K, 5000K | 200                                | 2           | 2.40                              | 2.88                               | 37 Modules/100W PS   | 23 x 100°     |
|                             | 4100K, 3200K | 150                                |             |                                   |                                    |                      |               |
| Tetra Edgestrip High Output | 7100K, 5000K | 410                                | 2           | 5.10                              | 6.00                               | 18 Modules/100W PS   | 23 x 100°     |
|                             | 4100K, 3200K | 310                                |             |                                   |                                    |                      |               |

### Specification Item

### Tetra EdgeStrip

|                               |  |   |  |
|-------------------------------|--|---|--|
| Cutting Resolution            | Cut on wire between every module   |   |  |
| Power Supply                  | GEPS24-20 Input: 90-264VAC; Output: 24VDC (98603)<br>GEPS24W-80 Input: 90-264VAC; Output: 24VDC (98606)<br>GEPS24D-80U Input: 90-305VAC; Output: 24VDC (98605)<br>GEPS24-100U-GL Input: 108-305VAC; Output: 24VDC (98941)<br>GEPS24-180U Input: 90-305VAC; Output: 24VDC (98602) |   |  |
| Maximum Supply Wire Limits    | <b>80W, 100W, 180W</b>   | <b>20W</b>  | <b>Supply Wire Gauge</b>                     |
|                               | 20 ft. (6.1 m)   | 120 ft. (36.6 m)  | 18AWG/0.82mm <sup>2</sup> supply wire - 9409 |
|                               | 25 ft. (7.6 m)   |   | 16AWG/1.31mm <sup>2</sup> supply wire        |
|                               | 35 ft. (10.6 m)  |   | 14AWG/2.08mm <sup>2</sup> supply wire        |
|                               | 40 ft. (12.1 m)  |   | 12AWG/3.31mm <sup>2</sup> supply wire        |
|                               | <i>Wiring to be installed in accordance with Article 725 of the National Electric code (NEC).</i>  |   |  |
| Operating Environment         | -40 °C to +60 °C   |   |  |
| Module Dimensions (h x l x w) | Tetra EdgeStrip:<br>0.83 x 5.91 x 1.30 in. (21 x 150 x 33 mm)  | Tetra EdgeStrip High Output:<br>0.87 x 5.91 x 1.69 in. (22 x 150 x 43 mm) |  |
| Sign Dimensions               | For best results, recommended sign depth is 3 inches (76mm) or greater   | For best results, recommended sign depth is 5 inches (127mm) or greater   |  |
| Warranty                      | GE offers a limited system warranty of up to five (5) years  |   |  |
| System Certifications         | UL Recognized #E219167, UL Classified #E229508, CSA Approved #216319, CE, C-tick, IP66 rated: separate enclosure required, damp location rated   |   |  |



This product is intended solely for the use of non-residential signage lighting and is not intended for use in any other applications.

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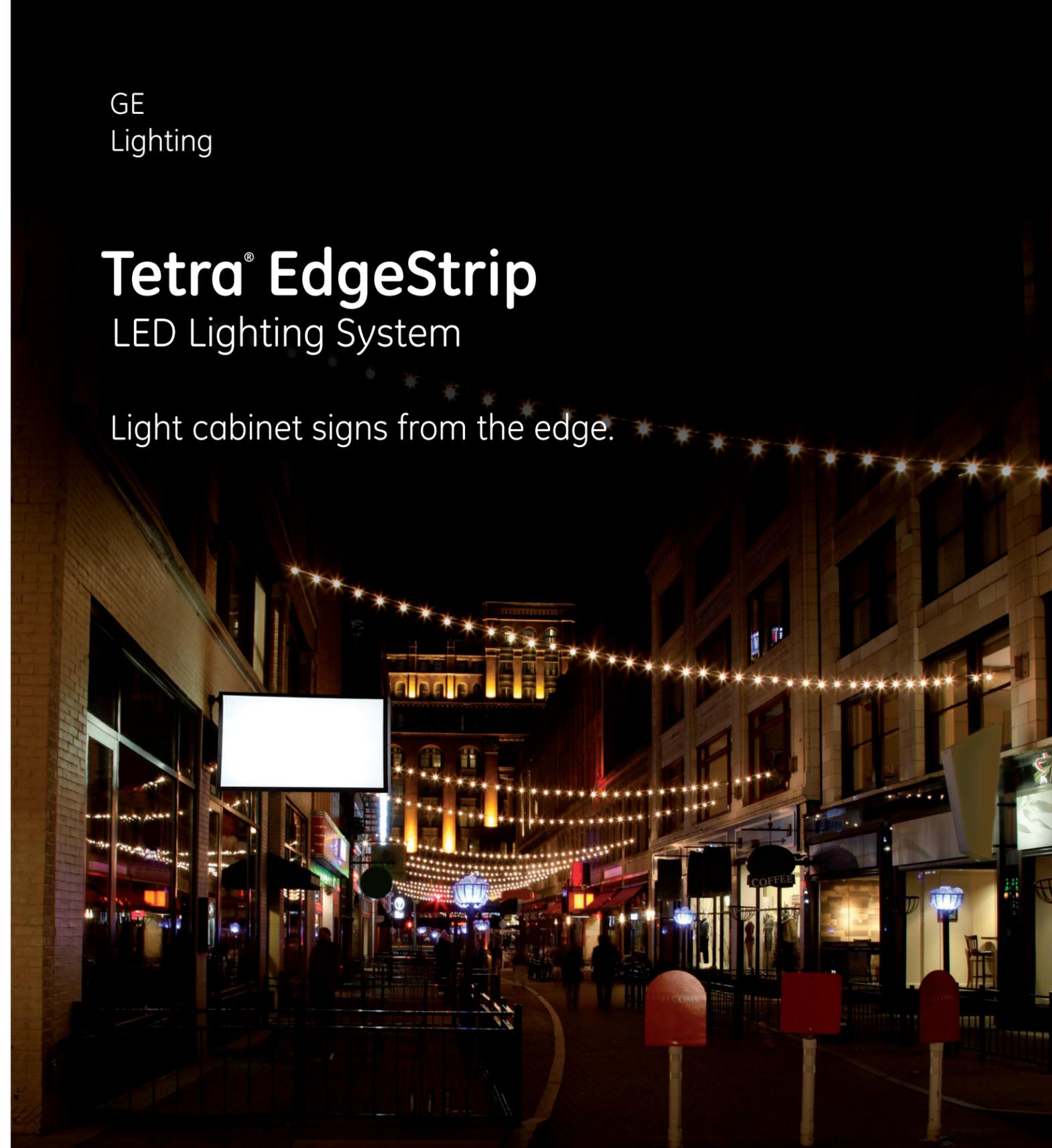
Tetra® EdgeStrip Brochure - September 2014

GE  
Lighting

# Tetra® EdgeStrip

## LED Lighting System

Light cabinet signs from the edge.



GE imagination at work

# Tetra® EdgeStrip

Lighting from the Edge!

New Tetra EdgeStrip is engineered to install easily around the edge of signs with a 76mm to 152mm can depth. Perfect for single or double-sided signs, Tetra EdgeStrip delivers money-saving advantages over T8 fluorescent tubes while producing outstanding visual performance that protects end-user brand image. Discover the new LED alternative that can handle shallow cabinet signs — Tetra EdgeStrip.



## Cover any angle or curved shape with uniform LED light.

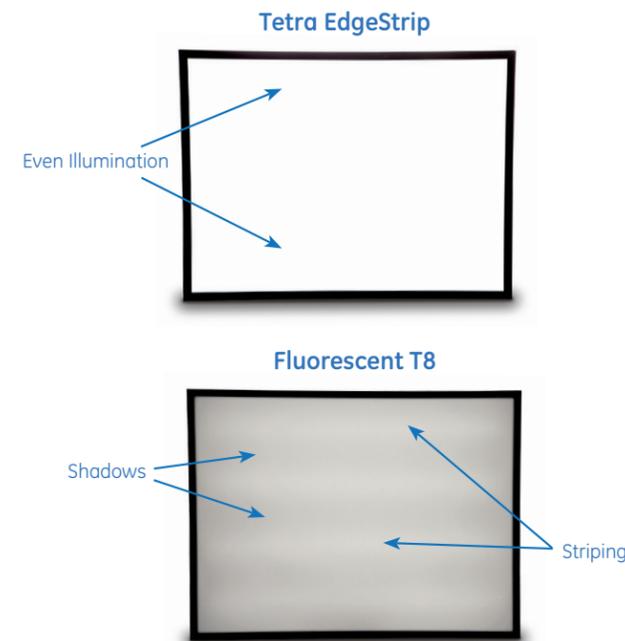
Tetra EdgeStrip is designed to fit into the frame of cabinet signs, meaning that curved, angular or custom shaped signs can now benefit from LED technology! Unlike fluorescent tubes, that are hard to fit into unique signs and create shadows and stripping, Tetra EdgeStrip can tightly follow the contour of the sign's frame and distribute uniform light to every inch of the sign face. Protect the brand image of your business by using Tetra EdgeStrip LED lighting system in your sign!



## Don't settle for the *performance limitations* of T8 Fluorescent tubes.

### Enhance your brand image.

Tetra EdgeStrip uses OptiLens™, GE's unique lens technology which captures otherwise wasted light and redirects it towards the illuminated surface to create an exceptionally uniform sign.



T8 fluorescent tubes can create an unwanted "striping" effect where the space between the tubes appears darker. This visual distraction sends the wrong message about your business, and undermines your overall brand image.

When brightness matters most, Tetra EdgeStrip High Output delivers even more bright uniform light across the entire sign face, commanding attention to your brand image.

### Impressive Energy Savings.

When you make the switch from T8 Fluorescent tubes to the advanced technology of Tetra EdgeStrip, you give up some brightness for the exceptional uniformity and impressive energy savings of LED. This superior efficiency produces energy savings up to an incredible 78%. Imagine the positive impact that will have on your bottom-line over the long life of the system.

Energy Consumption Comparison

