Tetra® EdgeStrip

LED Lighting System

The cutting edge of uniform brightness

Components

SKU	Part	Description	EEC	Energy Consumption (kWh/1000h)	Package Quantity
98546	GEWHBIP2	Tetra EdgeStrip 7100K	A++	2.64	32 Modules
98548	GEWWBIP2-50K	Tetra EdgeStrip 5000K	A++	2.64	32 Modules
98547	GEWWBIP2-41	Tetra EdgeStrip 4100K	A+	2.64	32 Modules
61322	GEWWBIP2	Tetra EdgeStrip 3200K	A+	2.64	32 Modules
93011560	GEBIH71-2	Tetra EdgeStrip High Output 7100K	A++	5.94	32 Modules
93011561	GEBIH50-2	Tetra EdgeStrip High Output 5000K	A++	5.94	32 Modules
93011562	GEBIH41-2	Tetra EdgeStrip High Output 4100K	A+	5.94	32 Modules
93011521	GEBIH32-2	Tetra EdgeStrip High Output 3200K	A+	5.94	32 Modules
68347	9409	18 AWG Supply Wire (0.82 mm²)			500 ft./spool (152.4 m)
98509	191600041	22-14 AWG Twist-On Wire Connectors (0.33 – 2.08 mm²)			500/PK
98524	192160004	18-14 AWG In-line Connectors (IDC) (0.82 – 2.08 mm²)			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	2.74	36 Modules/100W PS	23 × 100°
	4100K, 3200K	150					
Tetra Edgestrip High Output	7100K, 5000K	550	7	5.40	6.17	17 Modules/100W PS	27 × 80°
	4100K, 3200K	500					

Specification Item	Tetra EdgeStrip
Cutting Resolution	Cut on wire between every module
Power Supply	GEPS24-20 Input: 90-264VAC; Output: 24VDC GEPS24D-80U Input: 90-305VAC; Output: 24VDC GEPS24-100-GL Input: 108-305VAC; Output: 24VDC GEPS24-180U Input: 90-305VAC; Output: 24VDC

Maximum Supply Wire Limits

80W, 100W,180W	20W	Supply Wire Gauge
20 ft. (6.1 m)	120 ft. (36.6 m)	18AWG/0.82mm² supply wire - 9409
25 ft. (7.6 m)		16AWG/1.31mm² supply wire
35 ft. (10.6 m)		14AWG/2.08mm² supply wire
40 ft. (12.1 m)		12AWG/3.31mm² supply wire

Wiring to be installed in accordance with Article 725 of the National Electric code (NEC).

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perating Environment	-40 °C to +60 °C
Module Dimensions (h x l x w)	Tetra EdgeStrip: 0.83 × 1.30 × 5.91 in. (21 × 33 × 150 mm) — Tetra EdgeStrip High Output: 0.72 × 5.59 × 1.97 in. (18.3 × 142 × 50 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, CE, C-tick IP66 rated: separate enclosure required, damp location rated

Tetra® EdgeStrip
Lighting from the Edge!

New **Tetra EdgeStrip** is engineered to install easily around the edge of signs with a 76 mm to 152 mm 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.**

The OptiLens™ Difference.

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.

Tetra EdgeStrip

Even Illumination

Fluorescent T8

Shadows
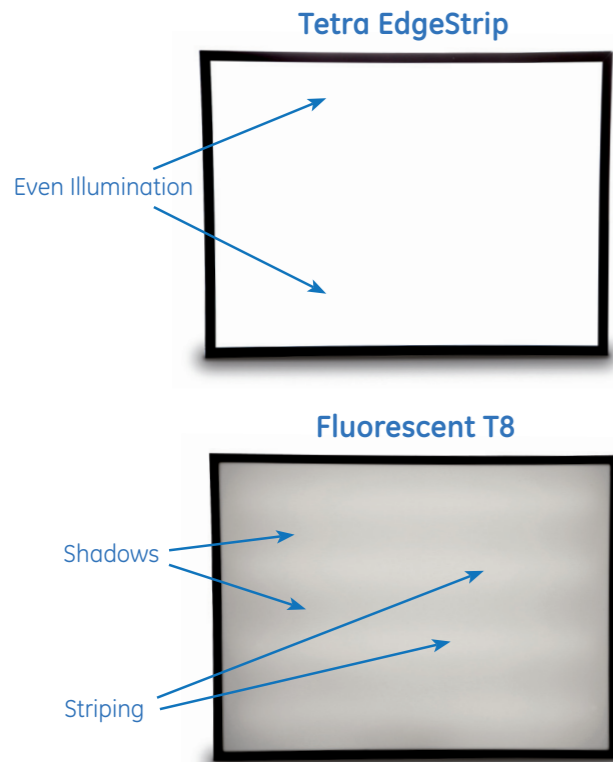
Striping

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.

NEW! Tetra EdgeStrip HO
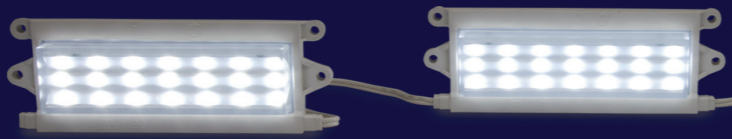
- **Tetra EdgeStrip High Output** is **175%** brighter than standard Tetra EdgeStrip, commanding attention to your customer's brand image.

- **Tetra EdgeStrip High Outputs** has **3.5x** more LEDs, vastly improving the uniformity across any sign face and creating greater color consistency.

- **550** lumens per module with the same loading - 17 modules/24V/100W driver.

- Tetra Edgestrip HO has NEW heat sink to manage thermals

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

## 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!

Cover off   **Cover on**
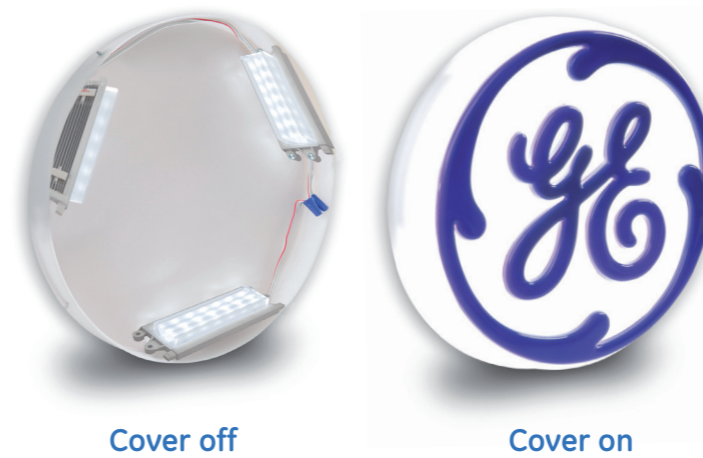
Impressive Energy Savings.

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

Up to **78%** Energy Savings

System Watts/Ft.

15
12
9
6
3
0

Tetra® EdgeStrip | Standard T8 | T8HO
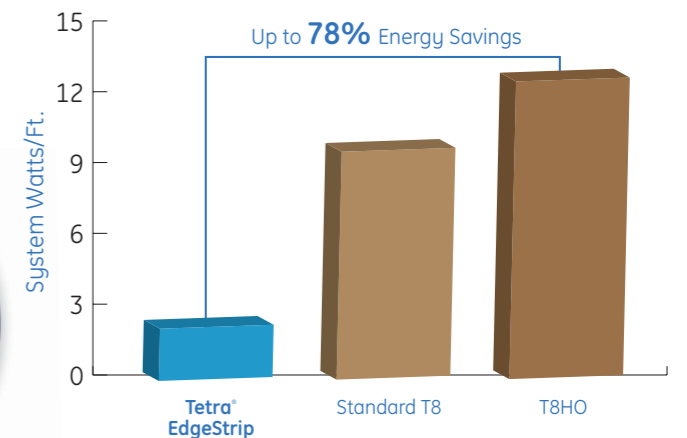
NEW! Tetra® EdgeStrip HO

3.5x more LEDs, vastly improving the uniformity across any sign face and creating greater color consistency.

550 lumens per module with the same loading - 17 modules/24V/100W driver.

175% brighter than standard Tetra EdgeStrip.

NEW heat sink to manage thermals.

Robust design to protect against moisture, dust and damage.

Tetra® EdgeStrip

Overmolded design protects against moisture, dust and damage.

Can be cut on wires between modules.

OptiLens™ maximizes the area of light coverage by creating a narrow, uniform viewing angle.

Pre-drilled holes makes mounting easy.

Continuous wire through LED module uses IDC connectors for maximum strain relief.

3M VHB™ industrial grade mounting tape allows for greater convenience when installing.