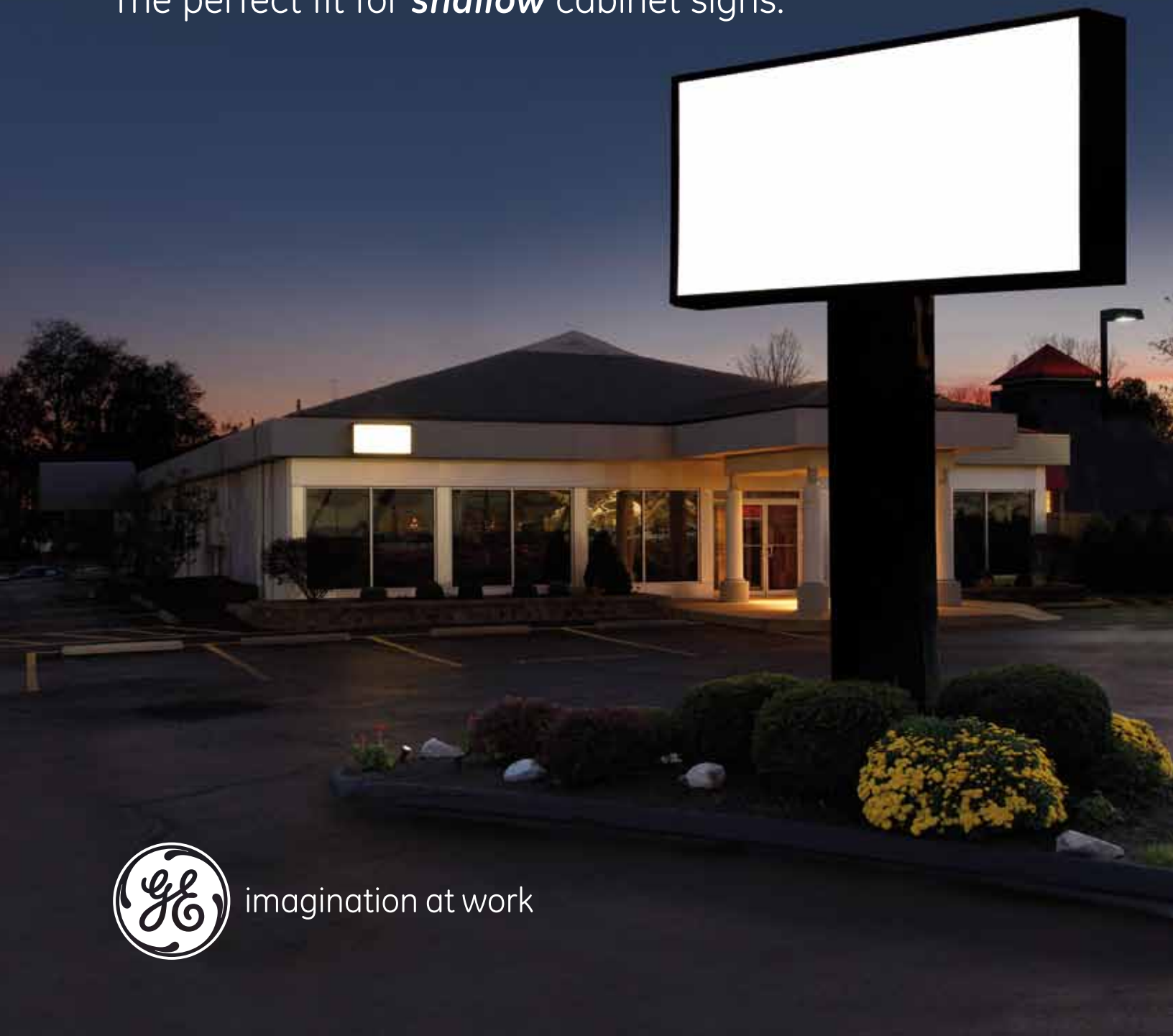
GE
Lighting Solutions

Tetra® miniStrip

LED Lighting System

The perfect fit for ***shallow*** cabinet signs.



imagination at work

Tetra® miniStrip & Tetra® miniStrip DS

Remarkable performance plus reduced installation costs

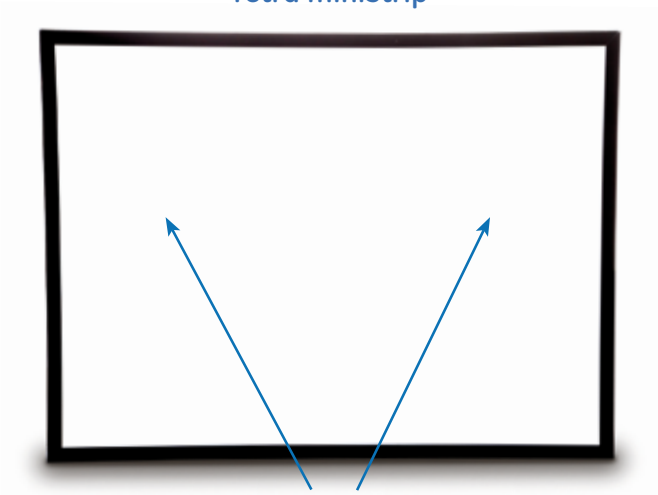
New Tetra miniStrip and miniStrip DS are designed specifically for shallow box signs. Tetra miniStrip is ideal for single-sided signs with a 3 to 6 inch can depth, while Tetra miniStrip DS is perfect for double-sided signs with a 6 to 12 inch can depth. Tetra miniStrip produces money-saving advantages over T8 fluorescent tubes while delivering outstanding visual performance that protects end-user brand image. Transform your shallow cabinet signs into better looking, better performing images for your business with new Tetra miniStrip and miniStrip DS.

For application illustration only, subject LED system was placed into environment.

Enhance your brand image with the superior, even look of LED.

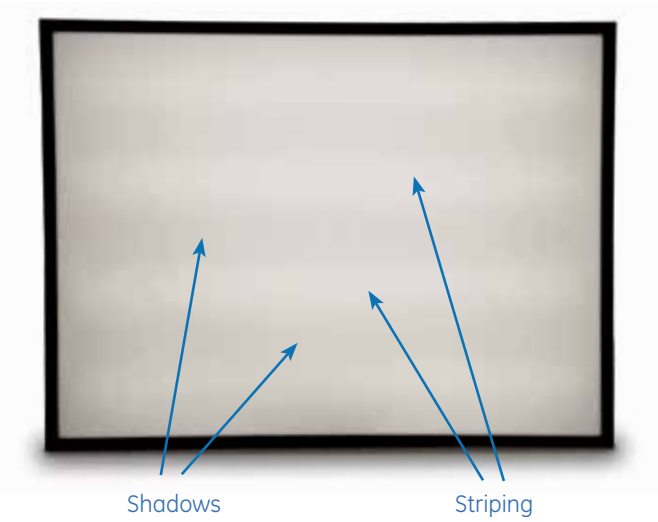
Tetra miniStrip uses GE's patented lens technology, OptiLens™ which captures otherwise wasted light and redirects it towards the illuminated surface to create an exceptionally uniform sign.

Tetra miniStrip



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.

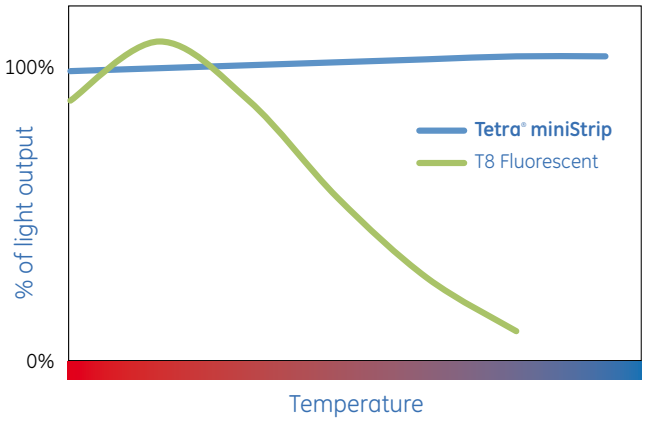
Fluorescent T8



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

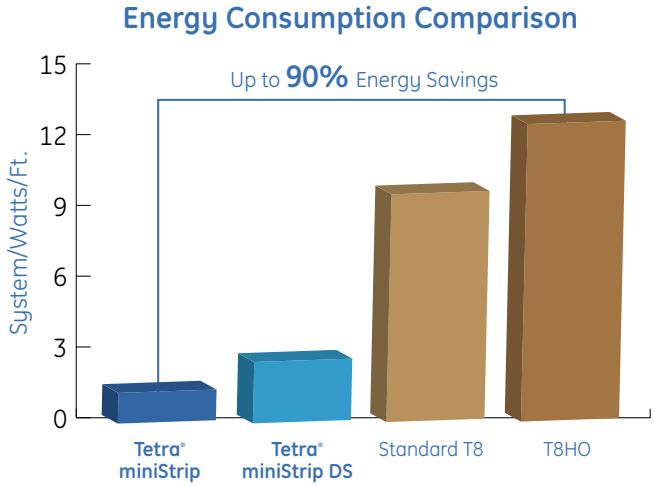
Cold weather concerns.

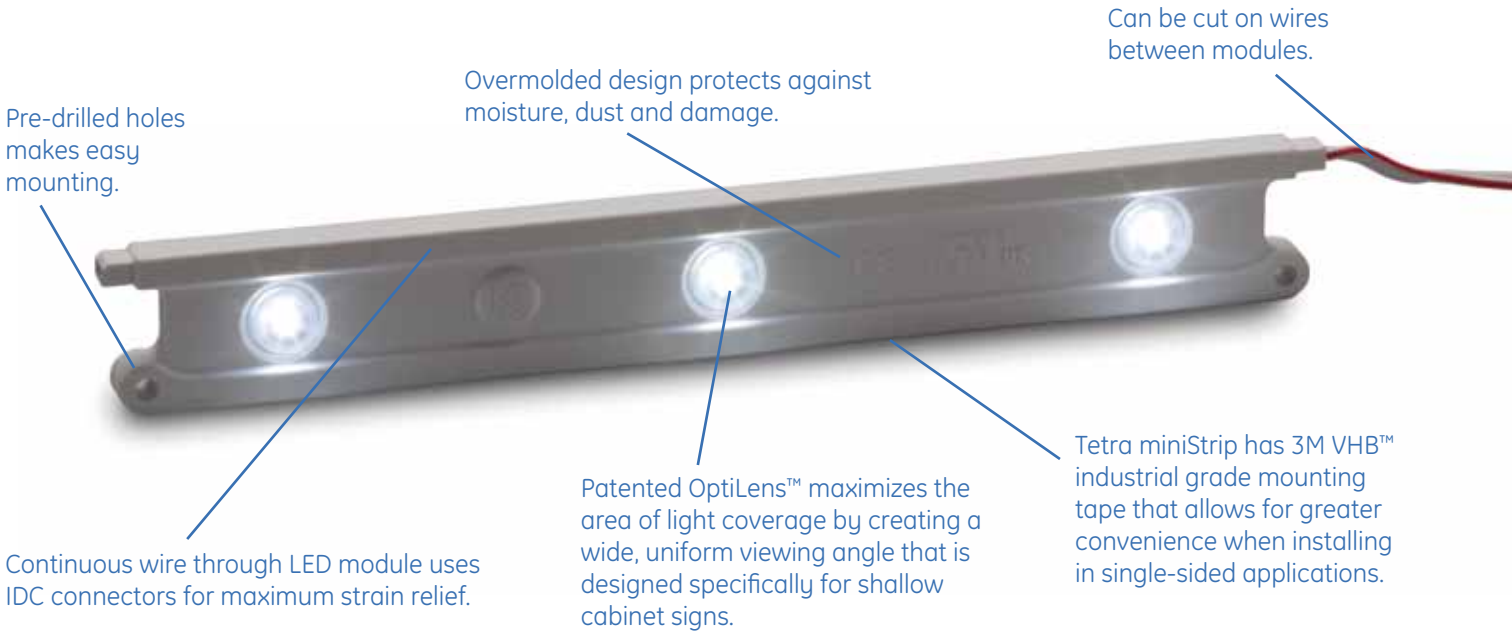
A T8 fluorescent sign can drop in brightness as the temperature decreases. The LED technology in Tetra miniStrip experiences no drop in performance under the same conditions, protecting the integrity of your brand.



Impressive Energy Savings.

When you make the switch from T8 fluorescent tubes to the advanced technology of Tetra miniStrip, you give up some brightness for the exceptional uniformity and impressive energy savings of LED. Versus T8, Tetra miniStrip saves up to 90% and with Tetra miniStrip DS the savings is up to 79%. Imagine the positive impact that will have on your bottom-line over the long life of the system.





Components

SKU	Description	Package Quantity
GEWHBSP3	Tetra® miniStrip, 7100K	48 modules
GEWWBSP3-50K	Tetra® miniStrip, 5000K	48 modules
GEWWBSP3-41K	Tetra® miniStrip, 4100K	48 modules
GEWWBSP3	Tetra® miniStrip, 3200K	48 modules
GEWHBDP6	Tetra® miniStrip DS, 7100K	32 modules
GEWWBDP6-50K	Tetra® miniStrip DS, 5000K	32 modules
GEWWBDP6-41K	Tetra® miniStrip DS, 4100K	32 modules
GEWWBDP6	Tetra® miniStrip DS, 3200K	32 modules
GEDSRL08	Tetra® Mounting Rail (96 in/2.44 m)	8 rails/pack
GEDSLB1	Tetra® Mounting Rail Assembly Bracket	20/pack
9409	18 AWG Supply Wire (0.82 mm^2)	500 ft (152.40 m)/spool
191600041	22-14 AWG Twist-on Wire Connector (0.33-2.08 mm^2)	500/bag
192160004	18-14 AWG In-Line connectors (IDC) (0.82-2.08mm^2)	500/bag

Technical Specifications

Specification Item	Tetra miniStrip	Tetra miniStrip DS
Typical Brightness (lumens/module)	7100K & 5000K: 96 4100K & 3200K: 72	7100K & 5000K: 192 4100K & 3200K: 144
Color Temperature	7100K, 5000K, 4100K, 3200K	7100K, 5000K, 4100K, 3200K
LED/ft. (meters)	3 LEDs/ft. (~10 LEDs/m)	6 LEDs/ft. (~20 LEDs/m)
LEDS/Module	3	6
Modules/Foot	1	1
Lumens/Watt	7100K & 5000K: 87 4100K & 3200K: 65	7100K & 5000K: 87 4100K & 3200K: 65
Viewing Angle	140 Degrees	140 Degrees
Cutting Resolution	Cut between any 2 modules	Cut between any 2 modules
Module Dimensions	0.51 x 7.87 x 1.10 inches (13x200x28mm)	0.59 x 7.87 x 1.10 inches (15x200x28mm)
Power Supply	GEPS12-20 Input: 90-264VAC; Output: 12VDC GEPS12-60 Input: 90-264VAC; Output: 12VDC GEPS12-60U Input: 108-305VAC; Output: 12VDC GEPS12D-60U Input: 90-305VAC; Output: 12VDC GEPS12-180U Input: 90-305VAC; Output: 12VDC	GEPS24-20 Input: 90-264VAC; Output: 24VDC GEPS24-80 Input: 108-264VAC; Output: 24VDC GEPS24-100U Input: 108-305VAC; Output: 24VDC GEPS24W-80 Input: 90-264VAC; Output: 24VDC GEPS24-180U Input: 90-305VAC; Output: 24VDC
Maximum Loading per Power Supply	**20W Power Supply:** 17 ft./5.18 m (17 modules) **60W Power Supply:** 53 ft./16.16 m (53 modules) **180W Power Supply:** 53 ft./16.16 m (53 modules) per output bank, 159 ft./48.48 m (159 modules) per power supply	**20W Power Supply:** 8 ft./2.44 m (8 modules) **80W Power Supply:** 31 ft./9.45 m (31 modules) **100W Power Supply:** 39 ft./11.89 m (39 modules) **180W Power Supply:** 35 ft./10.67 m (35 modules) per output bank, 70 ft./21.34 m (70 modules) per power supply
Maximum Supply Wire Limits	**60W, 80W, 100W, 180W** 20 ft. (6.1 m) 25 ft. (7.6 m) 35 ft. (10.6 m) 40 ft. (12.1 m) **20W** 120 ft. (36.6 m) Wiring to be installed in accordance with Article 725 of the National Electric code (NEC).	**Supply Wire Gauge** 18AWG/0.82mm^2 supply wire - 9409 16AWG/1.31mm^2 supply wire 14AWG/2.08mm^2 supply wire 12AWG/3.31mm^2 supply wire
Energy Consumption	Strip: 1.10 W/module, System: 1.32 W/module	Strip: 2.20 W/module, System: 2.64 W/module
Operating Environment	-40 °C to +60 °C	-40 °C to +60 °C
Sign Dimensions	For best results minimum can depth is 3 inches	For best results minimum can depth is 6 inches
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, RoHS, IP66 rated: separate enclosure required, damp location rated	

MIDWEST
Sign & Screen Printing Supply Co.

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