

Tetra® Slim EdgeStrip

CABINET SIGN LIGHTING SYSTEMS

The cutting edge of uniform brightness.

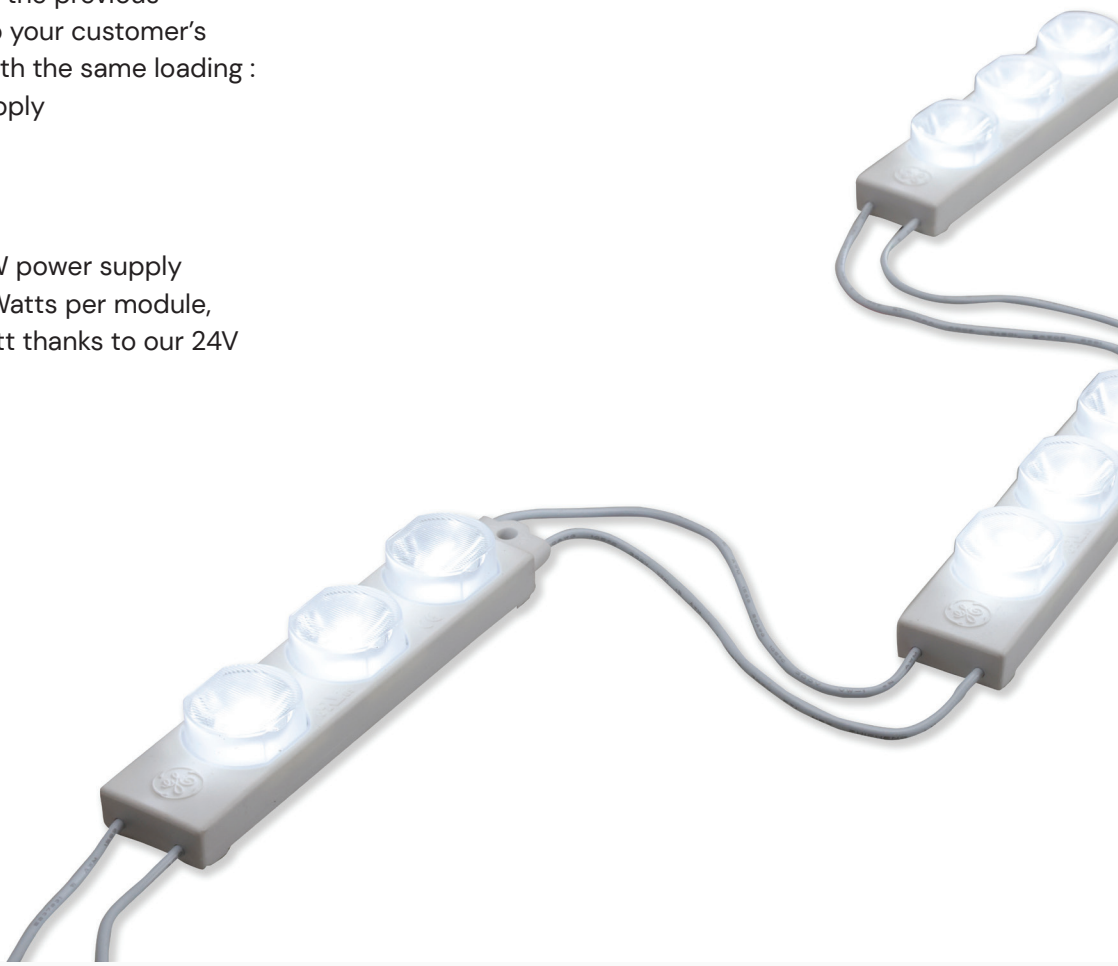
Tetra® Slim EdgeStrip is engineered to install easily around the edge of shallow to medium depth signs—as low as 2" (51 mm) deep. Ideal for single or double-sided signs, as well as acrylic or fabric faces, Tetra® Slim EdgeStrip delivers money-saving advantages over competitive LED solutions, while producing outstanding visual performance that enhances end-user brand image.

Brighter Than Ever

Tetra® EdgeStrip is now brighter than the previous generation, commanding attention to your customer's brand image. 300 lumens per foot with the same loading : 36 modules per 24V 100W power supply

Increased Loading

Load up to 57 modules per 24V 100W power supply Tetra® Slim EdgeStrip uses only 1.44 Watts per module, for an efficacy of 109 lumens per Watt thanks to our 24V platform.



Tetra® Slim EdgeStrip Features

- Targeted 15°x35° beam angle
- Improved luminous intensity
- Efficacy: 97-109 lm/W
- 24 Volt DC, Class 2 (UL), Class III (IEC)
- UL Damp Rated & IP66
- 10-year limited warranty

Module Dimensions

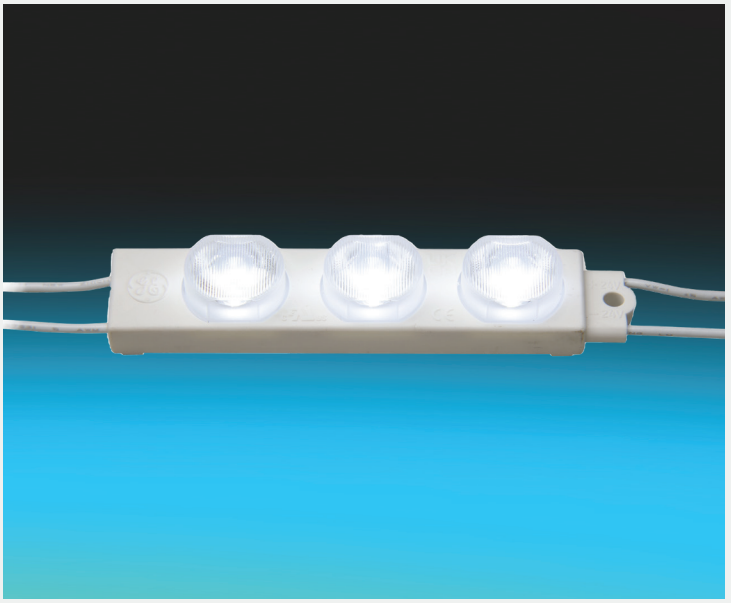
Length	Width	Height
3.76" / 96mm	0.79" / 20mm	0.56" / 14mm

Tetra® Slim EdgeStrip Spacing

Modules/ft	Can Depth	Coverage (1 side)	Coverage (2 sides)
2.5 (8.2 m	2" (51 mm)	2 ft (609 mm)	4 ft (1219 mm)
2 (6.6 m)	3" (76 mm)	2 ft (609 mm)	4 ft (1219 mm)
	≥ 4" (102 mm)		

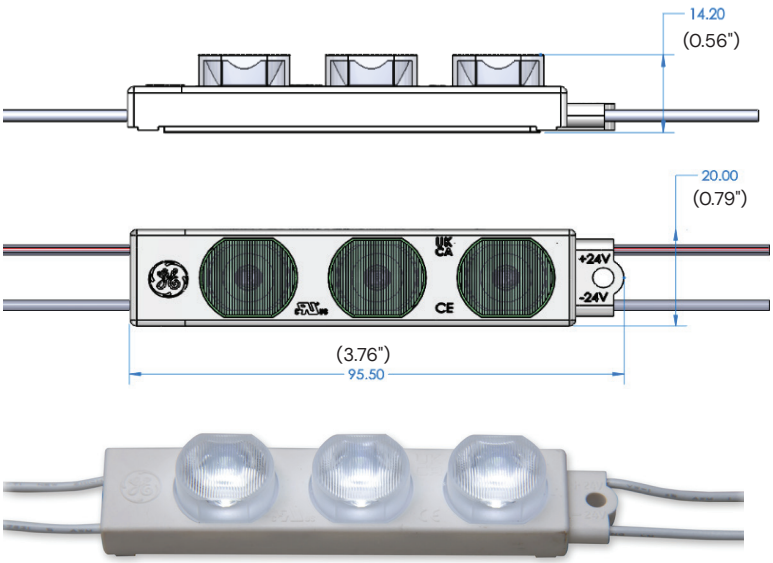
Cover any angle or curved shape with uniform LED light.

Tetra® Slim EdgeStrip's low-profile is designed to fit into the frame of shallow 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 striping, Tetra® Slim 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® Slim EdgeStrip LED lighting system in your sign.

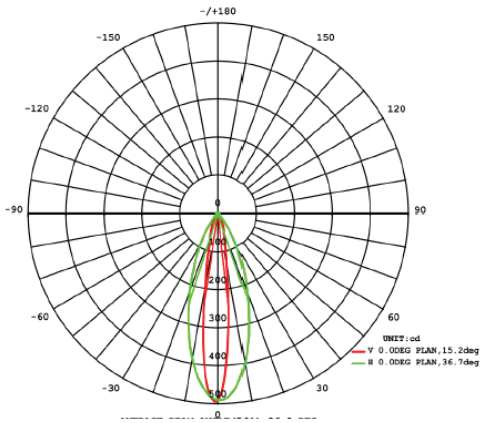


Mechanical Outline

Dimensions in mm. Metric equivalent in (inches)



Viewing Angle



Tetra®EdgeStrip Features

- Optical design maximizes the area of light coverage by creating a narrow, uniform viewing angle
- 3M VHB™ industrial grade mounting tape allows for greater convenience when installing
- Continuous wire through LED module uses IDC connectors for maximum strain relief
- Robust, overmolded design protects against moisture, dust and damage
- Can be cut on wires between modules
- Pre-drilled holes make mounting easy
- 10-year limited warranty

Components

SKU	Order Code	Description	Color	Strip Quantity	Box Quantity
93145561	GEBI65-S2	Tetra Slim EdgeStrip 6500K	Warm White	30 modules per strip, 1 strip per bag	5 bags (150 modules) per box
93145563	GEBI50-S2	Tetra Slim EdgeStrip 5000K	Warm White	30 modules per strip, 1 strip per bag	5 bags (150 modules) per box
93145535	GEBIH65-S2	Tetra Slim EdgeStrip HO 6500K	Warm White	30 modules per strip, 1 strip per bag	5 bags (150 modules) per box
93145537	GEBIH50-S2	Tetra Slim EdgeStrip HO 5000K	Warm White	30 modules per strip, 1 strip per bag	5 bags (150 modules) per box

*Other CCTs are available on a special order basis. Please reach out to your Current sales manager for details.

Technical Specifications

Product	CCT	Typical Brightness* Lumens/ module	Typical Brightness* Lumens/Ft (Lumes/m)	LEDs/ Module	Efficacy/ Module Lumens/ Watt	Energy Consumption* Module Wattage	Energy Consumption* System Wattage	100W GLX Power Supply Loading**	Viewing Angle
Tetra Slim EdgeStrip	6500K, 5000K	157	236 (785)	3	109	1.44W/module	1.69W/module	57 Modules (37.5 ft)	15° x 35°
Tetra Slim EdgeStrip High Output	6500K, 5000K	235	353(1175)	3	108	2.16W/module	2.54W/module	38 Modules (25 ft)	15° x 35°

*Typical performance at 25°C +/- 10%
**25W, 80W, 180W, and 300W power supply loading information can be found in the 'Loading Chart' section of the catalog.

Additional Specifications

Specification Item	Specification				
Voltage	24VDC				
Dimmable	Yes (with dimmable power supply)				
Cutting Resolution	Cut on wire between every module				
Power Supply	GEPS24-25-NA Input: 100-305VAC; Output: 24VDC GEPS24D-80U Input: 90-305VAC; Output: 24VDC GEPS24-100U Input: 108-305VAC; Output: 24VDC GEPS24-180U Input: 90-305VAC; Output: 24VDC GEPS24-300U Input: 108-305VAC; Output: 24VDC				
Maximum Remote Mounting Distance		18 AWG/0.82 MM² Supply Wire	16 AWG/1.31 MM² Supply Wire	14 AWG/2.08 MM² Supply Wire	12 AWG/3.31 MM² Supply Wire
	25W Power Supply	120 ft./36.6 m	-	-	-
	80W Power Supply	20 ft./6.1 m	25 ft./7.6 m	35 ft./10.6 m	40 ft./12.1 m
	100W Power Supply	20 ft./6.1 m	25 ft./7.6 m	35 ft./10.6 m	40 ft./12.1 m
	180W Power Supply	20 ft./6.1 m	25 ft./7.6 m	35 ft./10.6 m	40 ft./12.1 m
	300W Power Supply	20 ft./6.1 m	25 ft./7.6 m	35 ft./10.6 m	40 ft./12.1 m
Operating Environment	-40 °C to +60 °C (-40 °F to +140 °F)				
Dimensions (L x W x H)	N/A				
Warranty	Current offers a limited system warranty of up to ten (10) years				
System Certifications	UL-CUL-E219167, CE, ClassIII, China Rohs II, IP66				

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