



Tetra[®] Contour Flex

BORDER LIGHTING LIGHTING SYSTEMS

Bend it Like Contour

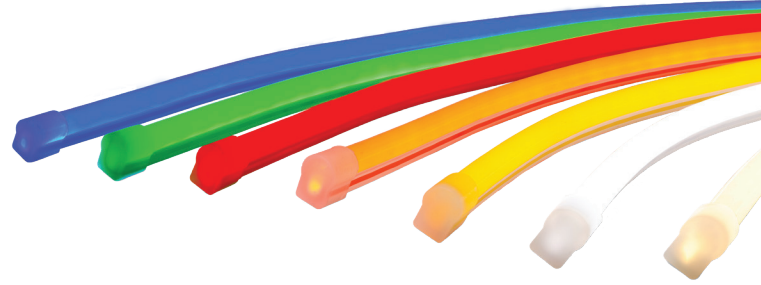
Tetra[®] Contour Flex is a completely flexible LED neon replacement that can be shaped over and over again, with no heating required. Contour Flex installation is quick and easy using low-profile mounting clips. It provides a bright, uniform appearance, seamless illumination and allows signmakers' creativity to run wild. Tetra[®] Contour Flex can be custom cut in the field without complicated warranty implications, and features a plug & play design that saves on labor and installation costs.

Flexible neon replacement system

Tetra® Contour Flex is a flexible LED system that can be easily formed to fit a wide variety of designs and applications, without the need to heat it in an oven. Tetra® Contour Flex can be custom cut in the field and bent over and over again, allowing sign makers to create vibrant signs. Tetra Contour Flex is a single-piece LED system that provides the classic appearance of neon and complements the unique design of any building.

Range of Colors

With two shades of white and several brilliant LED colors, designers have more flexibility than ever to easily create custom signs.

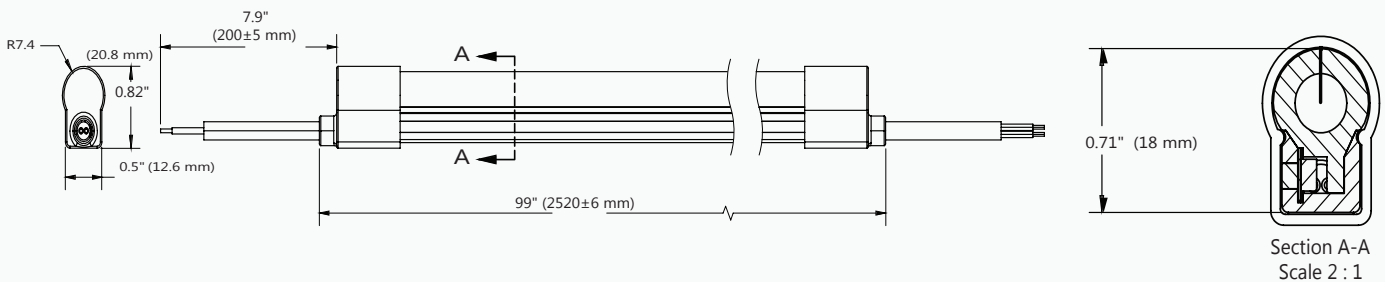


Straight Runs

With the available Tetra Contour Flex Rail, simply insert Contour Flex into the U-channel to create perfectly linear runs.

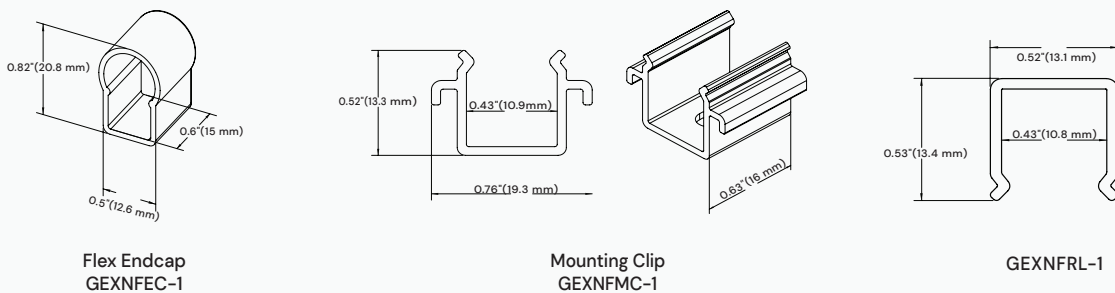
Mechanical Outline

Dimensions in (inches). Metric equivalent mm



Accessories Outline

Dimensions in inches. Metric equivalent (mm).



Vastly Superior Loading

Compared to the first generation, Tetra® Contour Flex features loading increased by up to 114%, so even more feet of product can be run off each power supply than ever before providing significant savings on material and labor costs.

Durable Robust System

Designed using Six Sigma quality standards, the Tetra® Contour Flex LED lighting system has a long life that delivers up to five years of continuous 24/7 use. Impact resistant design helps eliminate excess shipping, installation and maintenance costs due to breakage. It withstands harsh weather conditions, vibration and stress, and is backed by our 5-year limited warranty.

Technical Specifications

| Specification Item | Wavelength Color Temp | Typical Brightness* lumens/ft light engine) | LEDs per Module | Energy Consumption* (Strip/ft) | Energy Consumption* (System/ft) | Power Supply Loading GLX2** (ft/100W) | Viewing Angle |
|--------------------|-----------------------|---|-----------------|--------------------------------|---------------------------------|---------------------------------------|---------------|
| GEXNFS32-1 | 3200K | 65 | 21 | 1.4W/ft | 1.6W/ft | 62 | 170°/105° |
| GEXNFS65-1 | 6500K | 78 | 21 | 1.4W/ft | 1.6W/ft | 62 | 170°/105° |
| GEXNFSRD-1 | 625nm | 21 | 21 | 1.4W/ft | 1.6W/ft | 62 | 170°/105° |
| GEXNFSGL-1 | 532nm | 40 | 21 | 1.4W/ft | 1.6W/ft | 62 | 170°/105° |
| GEXNFSBL-1 | 467nm | 7 | 21 | 1.4W/ft | 1.6W/ft | 62 | 170°/105° |
| GEXNFSYG-1 | 589nm | 15 | 21 | 1.4W/ft | 1.6W/ft | 62 | 170°/105° |
| GEXNFSRC-1 | 618nm | 30 | 21 | 1.4W/ft | 1.6W/ft | 62 | 170°/105° |

*Typical performance at 25°C +/- 10%

**GEPS24-100U-GLX2 or GEPS24-100U-TT

| | | | | | |
|---|--|---|---|---|---|
| Voltage | 24VDC | | | | |
| Cutting Resolution | 4 in. (101.6 mm). Cut module on cut marks only. | | | | |
| Dimmable | Yes (with dimmable power supply) | | | | |
| Power Supply | GEPS24-25U-NA Input: 100-305VAC; Output: 24VDC GEPS24D-80U Input: 90-305VAC; Output: 24VDC GEPS24-100U Input: 108-305VAC; Output: 24VDC GEPS24-200U 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 |
| | 200W 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) | | | | |
| Module Dimensions (L x W x H) | 0.82 x 0.51 x 99.2" (21 x 13 x 2520 mm) | | | | |
| Warranty | Limited system warranty of up to five (5) years | | | | |
| System Certifications | UL Recognized #E219167, UL Classified #E229508, CE, UKCA, IP66, Acceptable to use in dry, damp, and wet locations. | | | | |

Tetra® Contour Flex Components

| SKU | Model | Description | Color | Quantity | Additional Information |
|----------|------------|--------------------------------|------------|----------|-----------------------------|
| 93145723 | GEXNFS65-1 | Tetra® Contour Flex 6500K | White | 12/box | Unit Length: 8.4 ft. (2.6m) |
| 93145722 | GEXNFS32-1 | Tetra® Contour Flex 3200K | Warm White | 12/box | Unit Length: 8.4 ft. (2.6m) |
| 93145724 | GEXNFSRD-1 | Tetra® Contour Flex Red | Red | 12/box | Unit Length: 8.4 ft. (2.6m) |
| 93145725 | GEXNFSGL-1 | Tetra® Contour Flex Green | Green | 12/box | Unit Length: 8.4 ft. (2.6m) |
| 93145726 | GEXNFSBL-1 | Tetra® Contour Flex Blue | Blue | 12/box | Unit Length: 8.4 ft. (2.6m) |
| 93145727 | GEXNFSYG-1 | Tetra® Contour Flex Amber | Amber | 12/box | Unit Length: 8.4 ft. (2.6m) |
| 93145728 | GEXNFSRC-1 | Tetra® Contour Flex Red-Orange | Red-Orange | 12/box | Unit Length: 8.4 ft. (2.6m) |

Accessories

| | SKU | Description | Color | Quantity | Additional Information |
|--------------------------------------|---|--|--------|----------|----------------------------------|
| Mounting and Cutting Supplies | 93150450 | Tetra Contour Flex Endcap GEXNFEC-1 | | 20/box | |
| | 93150511 | Tetra Contour Flex Mounting Clip GEXNFMC-1 | | 50/box | |
| | 93150512 | Tetra Contour Flex 8 ft. Rail GEXNFR-1 | | 20/box | Tetra Snap rail can also be used |
| Optional | GEXNWB2 | Weather Box | White | 20/bag | White, paintable surface |
| | GEXNLGEC15 | Tetra Contour Light Guide End Cap | White | 20/bag | |
| | GEXNLGC15 | Tetra Contour Light Guide Connector | White | 20/bag | |
| | GEXNLGI15 | Tetra Contour Light Guide 90° Inside Corner | White | 20/bag | |
| | GEXNLGO15 | Tetra Contour Light Guide 90° Outside Corner | White | 20/bag | |
| | GEXNLGP15 | Tetra Contour Light Guide 90° Planar Corner | White | 20/bag | |
| | GERDXNLGEC15 | Tetra Contour Light Guide End Cap | Red | 20/bag | |
| | GERDXNLGC15 | Tetra Contour Light Guide Connector | Red | 20/bag | |
| | GERDXNLGI15 | Tetra Contour Light Guide 90° Inside Corner | Red | 20/bag | |
| | GERDXNLGO15 | Tetra Contour Light Guide 90° Outside Corner | Red | 20/bag | |
| | GERDXNLGP15 | Tetra Contour Light Guide 90° Planar Corner | Red | 20/bag | |
| | GEPOXNLGC15 | Tetra Contour Light Guide Connector | Orange | 20/bag | |
| | GEPOXNLGEC15 | Tetra Contour Light Guide End Cap | Orange | 20/bag | |
| | GEPOXNLGI15 | Tetra Contour Light Guide 90° Inside Corner | Orange | 20/bag | |
| | GEPOXNLGO15 | Tetra Contour Light Guide 90° Outside Corner | Orange | 20/bag | |
| | GEPOXNLGP15 | Tetra Contour Light Guide 90° Planar Corner | Orange | 20/bag | |
| | GEYAXNLGC15 | Tetra Contour Light Guide Connector | Yellow | 20/bag | |
| | GEYAXNLGEC15 | Tetra Contour Light Guide End Cap | Yellow | 20/bag | |
| | GEYAXNLGI15 | Tetra Contour Light Guide 90° Inside Corner | Yellow | 20/bag | |
| | GEYAXNLGO15 | Tetra Contour Light Guide 90° Outside Corner | Yellow | 20/bag | |
| | GEYAXNLGP15 | Tetra Contour Light Guide 90° Planar Corner | Yellow | 20/bag | |
| | GEGLXNLGEC15 | Tetra Contour Light Guide End Cap | Green | 20/bag | |
| | GEGLXNLGC15 | Tetra Contour Light Guide Connector | Green | 20/bag | |
| | GEGLXNLGI15 | Tetra Contour Light Guide 90° Inside Corner | Green | 20/bag | |
| | GEGLXNLGO15 | Tetra Contour Light Guide 90° Outside Corner | Green | 20/bag | |
| | GEGLXNLGP15 | Tetra Contour Light Guide 90° Planar Corner | Green | 20/bag | |
| | GEBLXNLGEC15 | Tetra Contour Light Guide End Cap Blue | Blue | 20/bag | |
| | GEBLXNLGC15 | Tetra Contour Light Guide Connector | Blue | 20/bag | |
| | GEBLXNLGI15 | Tetra Contour Light Guide 90° Inside Corner | Blue | 20/bag | |
| | GEBLXNLGO15 | Tetra Contour Light Guide 90° Outside Corner | Blue | 20/bag | |
| GEBLXNLGP15 | Tetra Contour Light Guide 90° Planar Corner | Blue | 20/bag | | |