

Tetra® Contour Flex

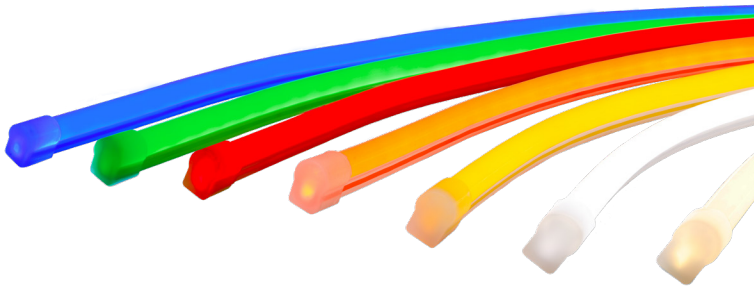
BORDER LIGHTING LIGHTING SYSTEMS

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

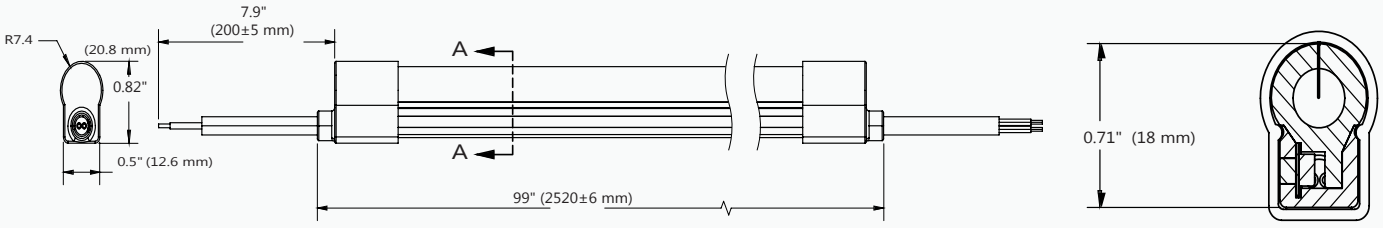
With two shades of white and several brilliant LED colors, designers have more flexibility than ever to easily create custom signs.

Straight Runs

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

Mechanical Outline

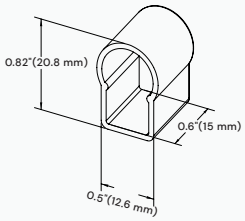
Dimensions in (inches). Metric equivalent mm



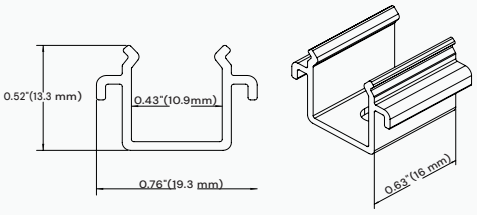
Section A-A
Scale 2 : 1

Accessories Outline

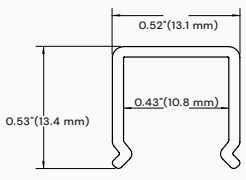
Dimensions in inches. Metric equivalent (mm).



Flex Endcap
GEXNFEC-1



Mounting Clip
GEXNFMC-1



GEXNFRL-1

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

Type (product)	SKU	Description
Wire	9409	18 AWG (0.82mm^2) Supply Wire 500 ft. (152.40 m) per spool 2 wire
	191600041	22-14 AWG Twist-on Wire Connector (0.82-2.08 mm^2) 500/bag
Weather Box	GEXNWB2	Weather Box 20/bag White, Paintable Surface
Light Guide Mounting Clip	GEXNMC15	Tetra Contour Light Guide Clear Mounting Clip 50/bag
	GEXNMCML-15	GEXNMCML-15 - Tetra Contour Light Guide Metal Mounting Clip 50/bag
Light Engine Mounting Clip	GEXNMCAC	Tetra Contour Light Engine Mounting Clip 20/bag White, Paintable Surface
Light Engine Silicone End Cap	93150449	GEXNSL-2 Tetra Contour Gen 2 Light Engine Field Sleeve 20/bag Sold by the bag
Light Guide Inside Corners	GEBLXNLGI15	Tetra Contour Light Guide 90° Inside Corner Blue 20/bag
	GEGLXNLGI15	Tetra Contour Light Guide 90° Inside Corner Green 20/bag
	GEPOXNLGI15	Tetra Contour Light Guide 90° Inside Corner Orange 20/bag
	GERDXNLGI15	Tetra Contour Light Guide 90° Inside Corner Red 20/bag
	GEXNLGI15	Tetra Contour Light Guide 90° Inside Corner White 20/bag
	GEYAXNLGI15	Tetra Contour Light Guide 90° Inside Corner Yellow 20/bag
Light Guide Outside Corners	GEBLXNLGO15	Tetra Contour Light Guide 90° Outside Corner Blue 20/bag
	GEGLXNLGO15	Tetra Contour Light Guide 90° Outside Corner Green 20/bag
	GEPOXNLGO15	Tetra Contour Light Guide 90° Outside Corner Orange 20/bag
	GERDXNLGO15	Tetra Contour Light Guide 90° Outside Corner Red 20/bag
	GEXNLGO15	Tetra Contour Light Guide 90° Outside Corner White 20/bag
	GEYAXNLGO15	Tetra Contour Light Guide 90° Outside Corner Yellow 20/bag
Light Guide Planar Corners	GEBLXNLGP15	Tetra Contour Light Guide 90° Planar Corner Blue 20/bag
	GEGLXNLGP15	Tetra Contour Light Guide 90° Planar Corner Green 20/bag
	GEPOXNLGP15	Tetra Contour Light Guide 90° Planar Corner Orange 20/bag
	GERDXNLGP15	Tetra Contour Light Guide 90° Planar Corner Red 20/bag
	GEXNLGP15	Tetra Contour Light Guide 90° Planar Corner White 20/bag
	GEYAXNLGP15	Tetra Contour Light Guide 90° Planar Corner Yellow 20/bag
Light Guide Inline Connectors	GEBLXNLGC15	Tetra Contour Light Guide Connector Blue 20/bag
	GEGLXNLGC15	Tetra Contour Light Guide Connector Green 20/bag
	GEPOXNLGC15	Tetra Contour Light Guide Connector Orange 20/bag
	GERDXNLGC15	Tetra Contour Light Guide Connector Red 20/bag
	GEXNLGC15	Tetra Contour Light Guide Connector White 20/bag
	GEYAXNLGC15	Tetra Contour Light Guide Connector Yellow 20/bag
Light Guide End Caps	GEBLXNLGEC15	Tetra Contour Light Guide End Cap Blue 20/bag
	GEGLXNLGEC15	Tetra Contour Light Guide End Cap Green 20/bag
	GEPOXNLGEC15	Tetra Contour Light Guide End Cap Orange 20/bag
	GERDXNLGEC15	Tetra Contour Light Guide End Cap Red 20/bag
	GEXNLGEC15	Tetra Contour Light Guide End Cap White 20/bag
	GEYAXNLGEC15	Tetra Contour Light Guide End Cap Yellow 20/bag

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