



# Tetra<sup>®</sup> Contour Gen 2

BORDER LIGHTING LIGHTING SYSTEMS

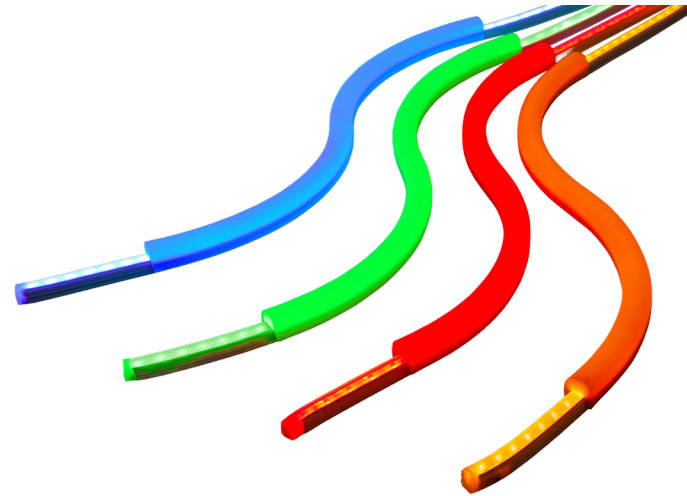
## 80% Quicker to Install

Tetra<sup>®</sup> Contour Gen 2 installation is 80% faster compared to the previous generation thanks to the new light engine design. It is also much more uniform in appearance, and still offers seamless illumination and a wide 330° of light output.

Tetra<sup>®</sup> Contour Gen 2 is available in two application-specific versions: Side Bend and Back Bend, which both use the same light guides and accessories.

# Simple neon replacement system

Tetra® Contour Gen 2 is a flexible LED light that can be easily formed to fit a wide variety of designs and applications. Tetra® Contour Gen 2 is available in two models, side-bend and back-bend; and it is the bendable companion product used for creating vibrant border lighting sections. These products comprise a complete LED system that provides the classic appearance of neon and complements the unique design of any building



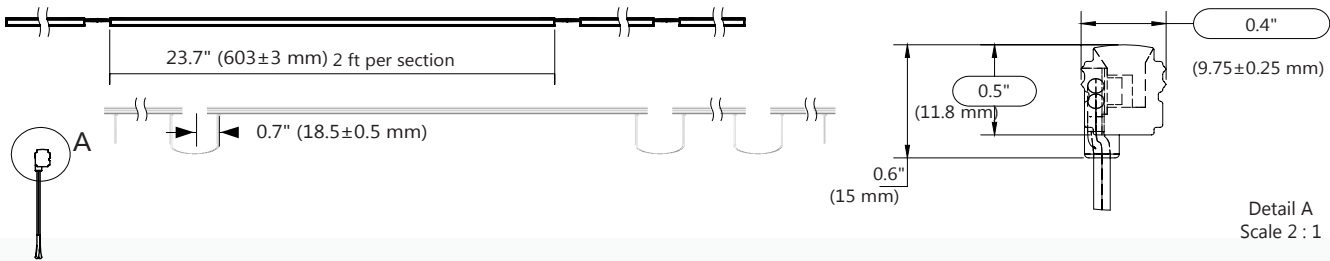
## Range of Colors

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

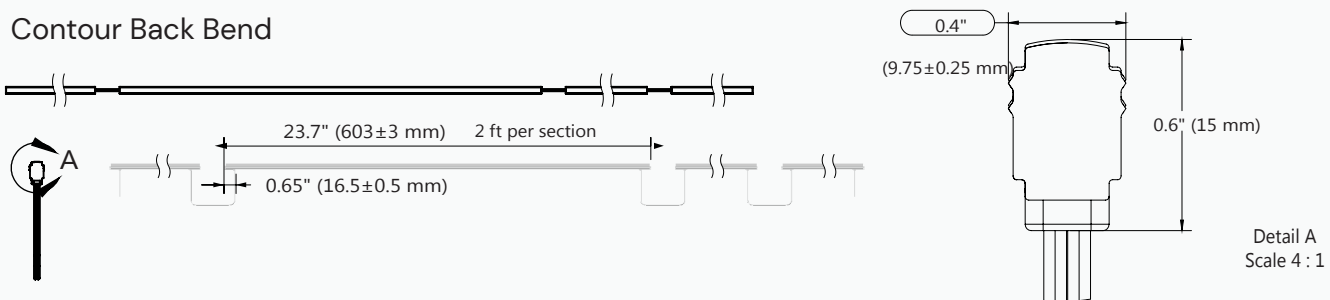
## Mechanical Outline

Dimensions in (inches). Metric equivalent mm

### Contour Side Bend

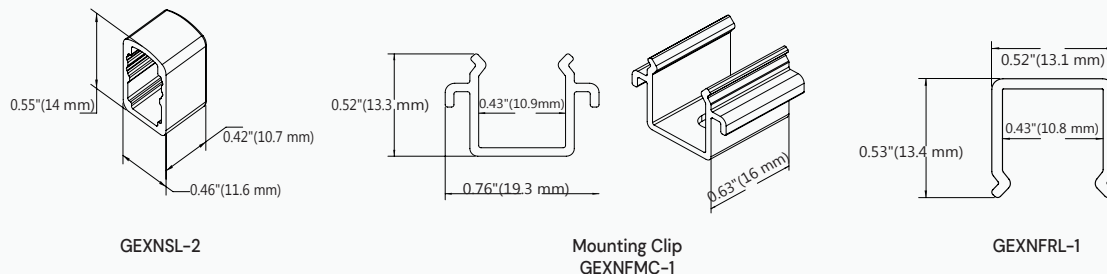


### Contour Back Bend



## Accessories Outline

Dimensions in inches. Metric equivalent (mm).



# Tetra® Contour Gen 2 – Side Bend and Back Bend

	SKU	Order Code	Description	Color	Quantity	Additional Information
Side Bend	93145689	GEXNS65-2	Tetra® Contour Side Bend 6500K	White	12/Box	Unit Length 8 ft (2.44m)
	93145688	GEXNS32-2	Tetra® Contour Side Bend 3200K	Warm White	12/Box	Unit Length 8 ft (2.44m)
	93145690	GEXNSRD-2	Tetra® Contour Side Bend Red	Red	12/Box	Unit Length 8 ft (2.44m)
	93145711	GEXNSGL-2	Tetra® Contour Side Bend Green	Green	12/Box	Unit Length 8 ft (2.44m)
	93145712	GEXNSBL-2	Tetra® Contour Side Bend Blue	Blue	12/Box	Unit Length 8 ft (2.44m)
	93145713	GEXNSYG-2	Tetra® Contour Side Bend Amber	Amber	12/Box	Unit Length 8 ft (2.44m)
	93145714	GEXNSRC-2	Tetra® Contour Side Bend Red Orange	Red-Orange	12/Box	Unit Length 8 ft (2.44m)
Back Bend	93145716	GEXNB65-2	Tetra® Contour Back Bend 6500K	White	12/box	Unit Length: 8 ft. (2.44m)
	93145715	GEXNB32-2	Tetra® Contour Back Bend 3200K	Warm White	12/box	Unit Length: 8 ft. (2.44m)
	93145717	GEXNBRD-2	Tetra® Contour Back Bend Red	Red	12/box	Unit Length: 8 ft. (2.44m)
	93145718	GEXNBGL-2	Tetra® Contour Back Bend Green	Green	12/box	Unit Length: 8 ft. (2.44m)
	93145719	GEXNBBL-2	Tetra® Contour Back Bend Blue	Blue	12/box	Unit Length: 8 ft. (2.44m)
	93145720	GEXNBYG-2	Tetra® Contour Back Bend Amber	Amber	12/box	Unit Length: 8 ft. (2.44m)
	93145721	GEXNBRC-2	Tetra® Contour Back Bend Red Orange	Red-Orange	12/box	Unit Length: 8 ft. (2.44m)

## Technical Specifications

Order Code	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 (light engine/ with light guide)
GEXNS65-2	6500K	123	28	1.9W/ft	2.2W/ft	46	90°x115°
GEXNS32-2	3200K	120	28	1.9W/ft	2.2W/ft	46	90°x115°
GEXNSRD-2	625nm	35	21	1.4W/ft	1.6W/ft	62	90°x115°
GEXNSGL-2	532nm	100	28	1.9W/ft	2.2W/ft	46	90°x115°
GEXNSBL-2	467nm	24	28	1.9W/ft	2.2W/ft	46	90°x115°
GEXNSYG-2	589nm	37	28	1.9W/ft	2.2W/ft	46	90°x115°
GEXNSRC-2	618nm	40	28	1.9W/ft	2.2W/ft	46	90°x115°
GEXNB32-2	3200K	120	28	1.9W/ft	2.2W/ft	46	110°
GEXNB65-2	6500K	123	28	1.9W/ft	2.2W/ft	46	110°
GEXNBRD-2	625nm	35	21	1.4W/ft	1.6W/ft	62	110°
GEXNBGL-2	532nm	100	28	1.9W/ft	2.2W/ft	46	110°
GEXNBBL-2	467nm	24	28	1.9W/ft	2.2W/ft	46	110°
GEXNBYG-2	589nm	37	28	1.9W/ft	2.2W/ft	46	110°
GEXNBRC-2	618nm	40	28	1.9W/ft	2.2W/ft	46	110°

\*Typical performance at 25°C +/- 10%

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

<b>Dimmable</b>	Yes (with dimmable power supply)				
<b>Cutting Resolution</b>	3 in. (76.2 mm) for Red-Orange, Amber, Green, Blue, or White; 4 in. (101.6 mm) for Red; Cut module on cut marks only.				
<b>Power Supply</b>	GEPS24-25-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				
<b>Maximum Supply Wire Limits</b>		<b>18 AWG/0.82 MM<sup>2</sup> Supply Wire</b>	<b>16 AWG/1.31 MM<sup>2</sup> Supply Wire</b>	<b>14 AWG/2.08 MM<sup>2</sup> Supply Wire</b>	<b>12 AWG/3.31 MM<sup>2</sup> Supply Wire</b>
	20W 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	
<b>Operating Environment</b>	-40 °C to +60 °C (-40 °F to +140 °F)				
<b>Module Dimensions (h x l x w)</b>	Light engine: 0.47" x 15.98" x 0.39" (12 mm x 406 mm x 10.1 mm) Light engine with light guide: 1.10" x 96" x 0.98" (28 mm x 2440 mm x 25 mm)				
<b>Warranty</b>	Limited system warranty of up to five (5) years				
<b>System Certifications</b>	UL Recognized #E219167, UL Classified #E229508, CE, UKCA, IP66, Acceptable to use in dry, damp, and wet locations.				

# Light Guide Components

SKU	Description	Color	Quantity	Additional Information
GERDXNLG15	Tetra® Contour Light Guide	Red	12/box	Unit Length: 8 ft. (2.44m)
GEPOXNLG15	Tetra® Contour Light Guide	Orange	12/box	Unit Length: 8 ft. (2.44m)
GEYAXNLG15	Tetra® Contour Light Guide	Yellow	12/box	Unit Length: 8 ft. (2.44m)
GEGLXNLG15	Tetra® Contour Light Guide	Green	12/box	Unit Length: 8 ft. (2.44m)
GEBLXNLG15	Tetra® Contour Light Guide	Blue	12/box	Unit Length: 8 ft. (2.44m)
GEXNLG15	Tetra® Contour Light Guide	White	12/box	Unit Length: 8 ft. (2.44m)

# Accessories

SKU	Description	Color	Quantity	Additional Information
93150449	GEXNSL-2 Tetra Contour Gen 2 Light Engine Field Sleeve		20/bag	Sold by the bag
9409	18 AWG (0.82mm <sup>2</sup> ) Supply Wire		500 ft. (152.40 m) per spool	2 wire
GEXNWB2	Weather Box		20/bag	White, Paintable Surface
GEXNBA	Tetra Contour Silicone Bend-Aid (Reusable)		12/bag	Unit Length: 16 in. (406mm)
GEXNMC15	Tetra Contour Light Guide Clear Mounting Clip		50/bag	
93053776	GEXNMCML-15 – Tetra Contour Light Guide Metal Mounting Clip		50/bag	
GEXNMCAC	Tetra Contour Light Engine Mounting Clip		20/bag	White, Paintable Surface
191600041	22-14 AWG Twist-on Wire Connector (0.82-2.08 mm <sup>2</sup> )		500/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	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	
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	