



Tetra® Contour Gen 2

BORDER LIGHTING LIGHTING SYSTEMS



80% Quicker to Install

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

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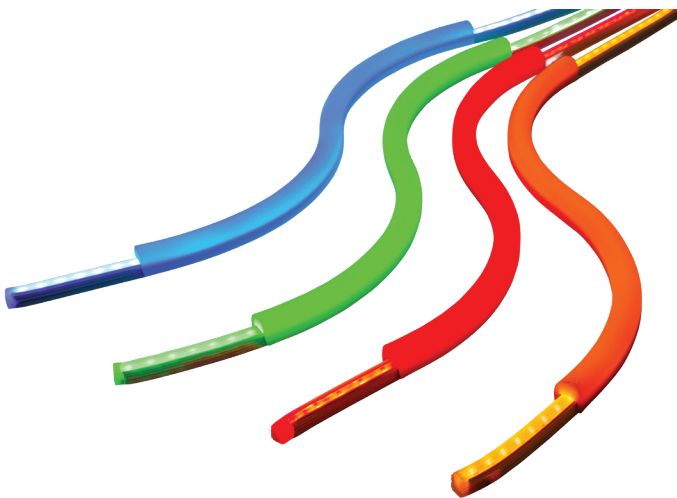
Piedmont Plastics®

where solutions take shape

Tetra® Contour Gen 2

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



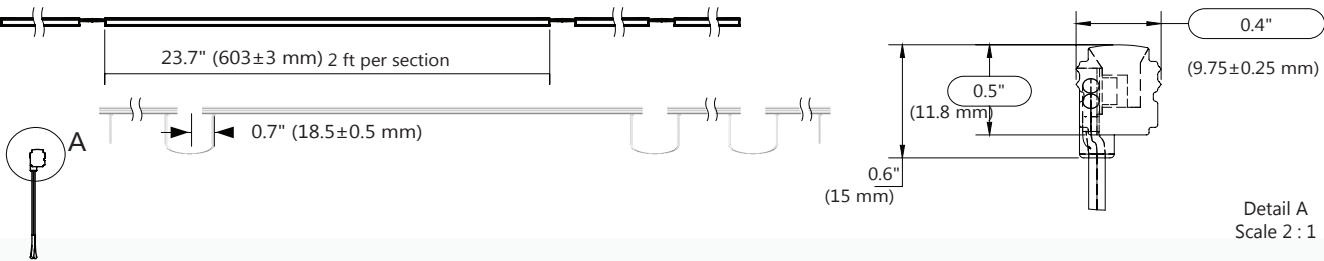
Range of Colors

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

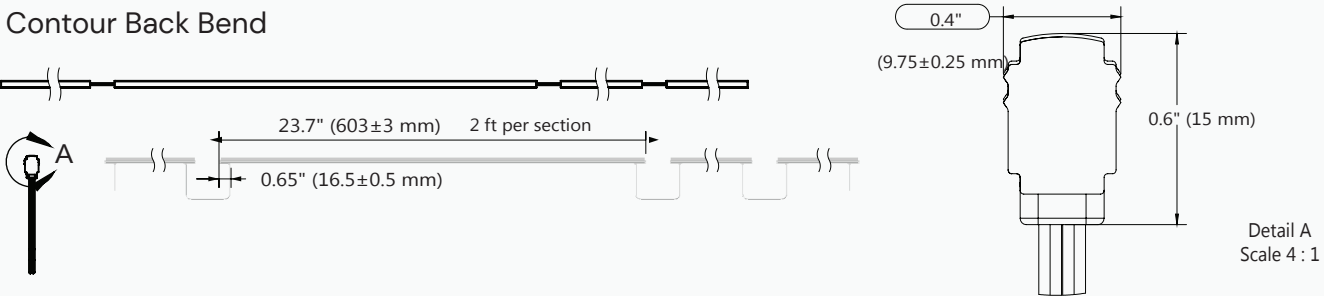
Mechanical Outline

Dimensions in (inches). Metric equivalent mm

Contour Side Bend

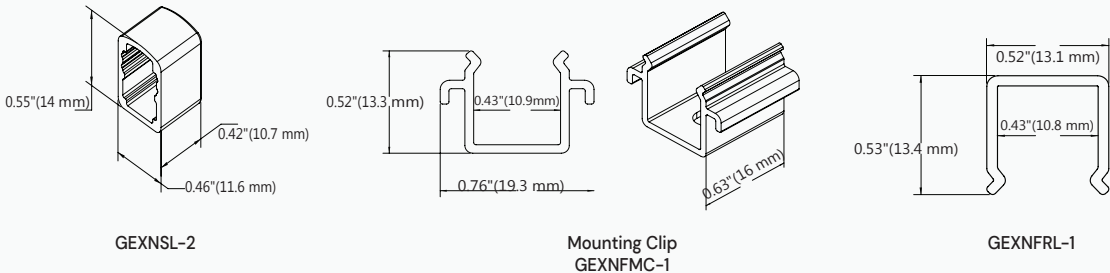


Contour Back Bend



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

Dimmable	Yes (with dimmable power supply)				
Cutting Resolution	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.				
Power Supply	GEPS24-25-NA Input: 100-305VAC; Output: 24VDC GEPS24D-80U Input: 90-305VAC; Output: 24VDC GEPS24-100U Input: 108-305VAC; Output: 24VDC GEPS24-200U Input: 90-305VAC; Output: 24VDC GEPS24-300U Input: 108-305VAC; Output: 24VDC				
Maximum Supply Wire Limits		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
	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
Operating Environment	-40 °C to +60 °C (-40 °F to +140 °F)				
Module Dimensions (h x l x w)	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)				
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.				

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

Type (product)	SKU	Description
Wire	9409	18 AWG (0.82mm²) Supply Wire 500 ft. (152.40 m) per spool 2 wire
	191600041	22-14 AWG Twist-on Wire Connector (0.82-2.08 mm²) 500/bag
Weather Box	GEXNWB2	Weather Box 20/bag White, Paintable Surface
Bend Aid	GEXNBA	Tetra Contour Silicone Bend-Aid (Reusable) 12/bag Unit Length: 16 in. (406mm)
Light Guide Mounting Clip	GEXNMC15	Tetra Contour Light Guide Clear Mounting Clip 50/bag
	93053776G	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	93035281G	GECLXNLGP15 - Tetra Contour Light Guide Planar Clear 20/bag
	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	93029618G	GECLXNLGC15 - Tetra Contour Light Guide Connector Clear 20/bag
	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