

Tetra® Contour

BORDER LIGHTING LIGHTING SYSTEMS

Visibly Better

Labor Saving Installation

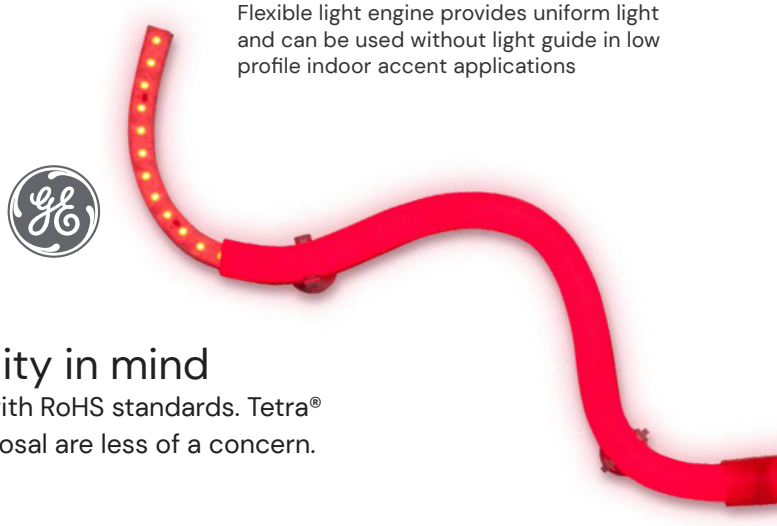
Tetra® Contour installation is quick and easy using low-profile mounting clips. It provides a bright, uniform appearance, seamless illumination and a wide 330° of light output. Tetra® Contour LS comes pre-assembled and features a plug & play design that saves on labor and installation costs. For each 8-foot (2.44m) length, simply screw in light guide mounting clips, clip Tetra® Contour LS into place, use quick connectors to plug in the next section, and you're done!

Complete neon replacement system

Tetra® Contour combines a flexible LED light engine with a rigid, optically diffuse extruded-plastic light guide that can be heated and formed to fit a wide variety of designs and applications. Tetra® Contour LS (linear series) is the unbendable companion product used for creating linear border lighting sections. Working together, these products comprise a complete LED system that provides the classic appearance of neon and complements the unique design of any building.



Flexible light engine provides uniform light and can be used without light guide in low profile indoor accent applications



Range of Colors

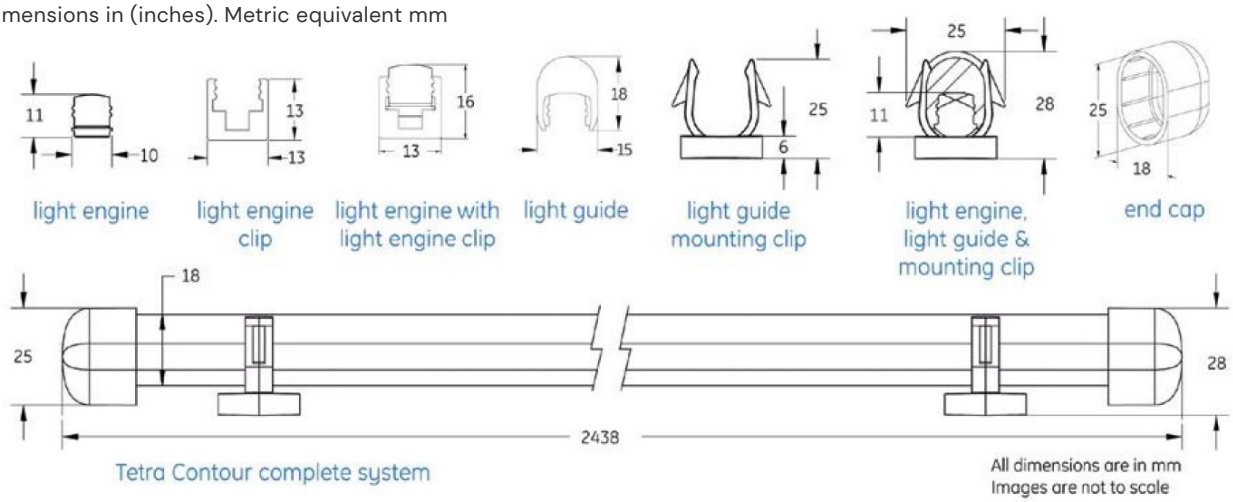
With several brilliant colors of LED light engine and several vibrant light guides to choose from, designers can mix and match components to easily create customized looks.

Designed with environmental responsibility in mind

This environmentally responsible LED lighting system complies with RoHS standards. Tetra® Contour contains no lead, mercury or glass, so handling and disposal are less of a concern.

Mechanical Outline

Dimensions in (inches). Metric equivalent mm



Tetra® Contour & Contour LS

SKU	Description	Color	Quantity	Additional Information
GEXNBL-1	Tetra Contour Blue LED Light Engine	Blue	12/box	Unit Length: 8 ft. (2.44m)
GEXNGL-1	Tetra® Contour Green LED Light Engine	Green	12/box	Unit Length: 8 ft. (2.44m)
GEXNYG-1	Tetra® Contour Amber LED Light Engine	Amber	12/box	Unit Length: 8 ft. (2.44m)
GEXNRC-1	Tetra® Contour Red-Orange LED Light Engine	Red-Orange	12/box	Unit Length: 8 ft. (2.44m)
GEXNRD-1	Tetra® Contour Red LED Light Engine	Red	12/box	Unit Length: 8 ft. (2.44m)
GEXN65-1	Tetra® Contour White (6500K) LED Light Engine	White	12/box	Unit Length: 8 ft. (2.44m)
GEXN32-1	Tetra® Contour Warm White (3200K) LED Light Engine	Warm White	12/box	Unit Length: 8 ft. (2.44m)
GEXNLBL-1	Tetra® Contour LS Blue Light Engine and Blue Light Guide	Blue	12/box	Unit Length: 8 ft. (2.44m)
GEXNLGL-1	Tetra® Contour LS Green Light Engine and Green Light Guide	Green	12/box	Unit Length: 8 ft. (2.44m)
GEXNLRD-1	Tetra® Contour LS Red Light Engine and Red Light Guide	Red	12/box	Unit Length: 8 ft. (2.44m)
GEXNL65-1	Tetra® Contour LS White Light Engine (6500K) and White Light Guide	White	12/box	Unit Length: 8 ft. (2.44m)
GEXNL32-1	Tetra® Contour LS Warm White (3200K) LED Light Engine	Warm White	12/box	Unit Length: 8 ft. (2.44m)

Vastly Superior Loading

Versus our previous products, Tetra® Contour features 103% greater loading, and Tetra® Contour LS delivers 137% greater loading—so 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 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** (ft/100W)	**Viewing Angle** (light engine/ with light guide)
GEXNBL-1	467nm	30	42	1.52	1.79	59	115/330°
GEXNGL-1	532nm	120	42	1.52	1.79	59	115/330°
GEXNYG-1	589nm	60	42	2.27	2.67	40	115/330°
GEXNRC-1	618nm	85	42	2.27	2.67	40	115/330°
GEXNRD-1	625nm	55	42	1.52	1.79	59	115/330°
GEXN65-1	6500K	140	48	3.17	3.73	29	115/330°
GEXN32-1	3200K	130	48	3.17	3.73	29	115/330°
GEXNLBL-1	467nm	30	21	1.73	2.03	52	115/330°
GEXNLGL-1	532nm	120	21	1.73	2.03	52	115/330°
GEXNLRD-1	625nm	55	21	1.30	1.53	69	115/330°
GEXNL65-1	6500K	140	24	3.17	3.73	29	115/330°
GEXNL32-1	3200K	130	24	3.17	3.73	29	115/330°

*Typical performance +/-10%

Dimmable	Yes (with dimmable power supply)				
Cutting Resolution	On Contour ONLY cut on wire between every module or the location showing “CUT HERE ONLY” on module.				
Power Supply	Tetra 24V power supplies				
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	20 ft./6.1 m	-	-	-
	100W Power Supply	20 ft./6.1 m	30 ft./9.1 m	50 ft./15.2 m	86 ft./26.1 m
	200W Power Supply	20 ft./6.1 m	30 ft./9.1 m	50 ft./15.2 m	86 ft./26.1 m
	300W Power Supply	20 ft./6.1 m	30 ft./9.1 m	50 ft./15.2 m	86 ft./26.1 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, RoHS, Light engine IP54 rated: Dry or damp location rated Light engine and Light Guide IP66 rated: Dry, damp or wet location rated				

Tetra® Contour & Contour LS 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 (0.82mm^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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