

GE
Lumination

Tetra[®] Contour LED Lighting System



imagination at work





Tetra[®] Contour

Flexible lighting system with flexible uses

Enjoy unbridled freedom in enhancing your architectural designs with this revolutionary product from GE Lumination. You can create bold designs and attractive accent lighting without the typical worries of working with fragile neon glass.

Think Outside the Tube

Classic neon appearance with LED benefits

Tetra Contour was designed to replace exposed neon in a variety of applications. This system is comprised of a flexible LED light engine and a rigid, optically diffuse extruded-plastic light guide that can be heated and formed to fit a variety of architectural needs. Installation is quick and easy using low-profile mounting clips. This system provides a bright, uniform appearance, seamless illumination and a wide 330° view angle in a variety of architectural designs.

Flexible solutions, unlimited possibilities

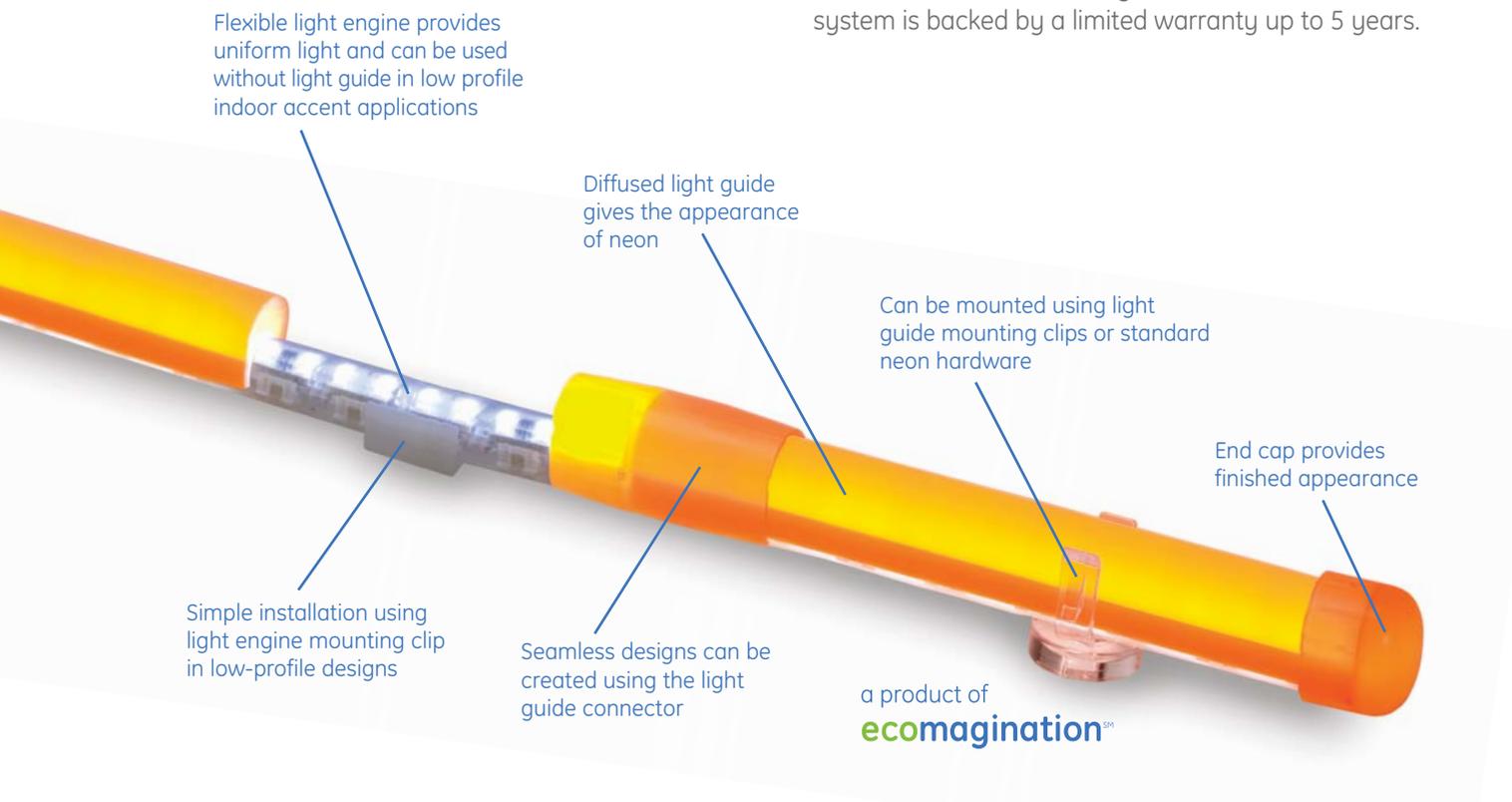
With seven brilliant colors of LED light engine and seven vibrant light guides to choose from, designers can mix-n-match these components to easily create customized looks.

The flexible LED light engine can also be used on its own in a variety of indoor architectural and accent lighting applications.

The Smarter Choice

Durable & robust system

Designed and tested using GE Six Sigma quality standards, the Tetra Contour LED lighting system has a long life of up to 50,000 hours—that's more than five years of continuous 24/7 use. This durable LED system is resistant to impact and vibration, eliminating breakage that can be associated with glass tubes during shipping and handling. The robust system also protects against damage from impact, stress and weather. Plus, the easy-to-install Tetra Contour system is backed by a limited warranty up to 5 years.



More Responsible System

Better energy efficiency

Tetra Contour is up to 40% more energy efficient than a typical exposed neon system. Which means, as well as providing your clients with beautiful lighting that will last, you are also providing them with significant energy savings.

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.

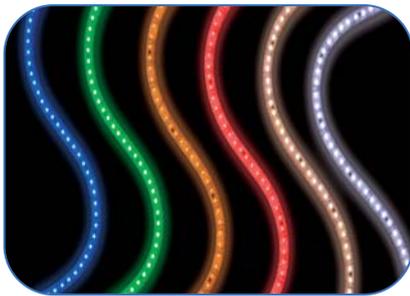
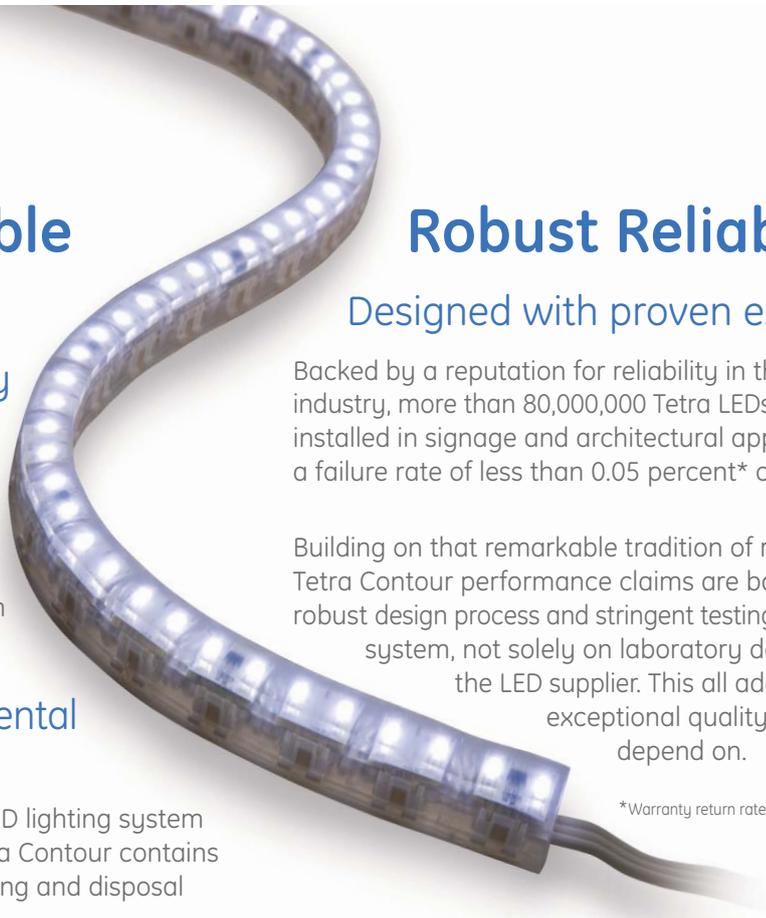
Robust Reliability

Designed with proven expertise

Backed by a reputation for reliability in the LED industry, more than 80,000,000 Tetra LEDs are currently installed in signage and architectural applications with a failure rate of less than 0.05 percent* over 7 years.

Building on that remarkable tradition of reliability Tetra Contour performance claims are based on a robust design process and stringent testing of the entire system, not solely on laboratory data from the LED supplier. This all adds up to exceptional quality you can depend on.

*Warranty return rate through December 2008



Tetra Contour light engine

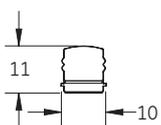


Tetra Contour light guide

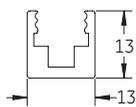


Tetra Contour complete system

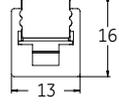
Product Dimensions



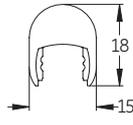
light engine



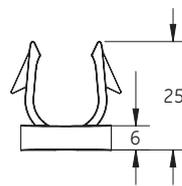
light engine clip



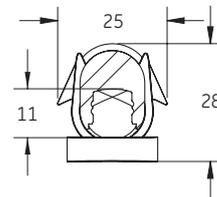
light engine with light engine clip



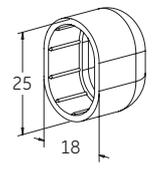
light guide



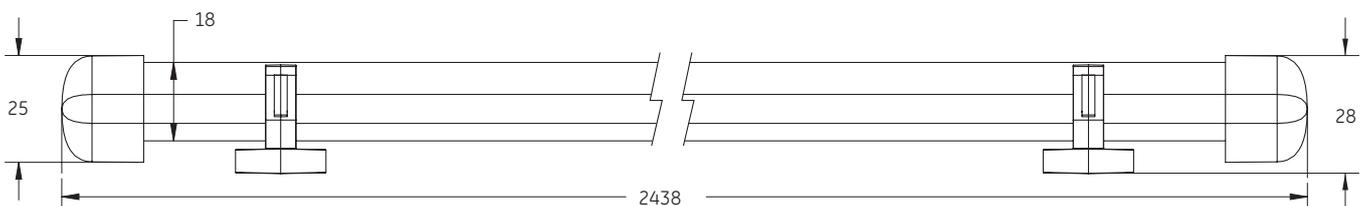
light guide mounting clip



light engine, light guide & mounting clip



end cap



Tetra Contour complete system

All dimensions are in mm
Images are not to scale

Performance Data

Color	Light Engine	Light Guide	LED Strip Wattage/ft (m)	System Wattage/ft (m)	Lumens/ft (m)	LPW	CRI	Wavelength/Color Temperature
Red	GERDXNLE1	without guide	3.24 (10.63)	3.81 (12.50)	59 (194)	18	-	625
	GERDXNLE1	with white guide (GEXNLG15)	3.24 (10.63)	3.81 (12.50)	40 (131)	12	-	625
	GERDXNLE1	with guide (GERDXNLG15)	3.24 (10.63)	3.81 (12.50)	47 (154)	15	-	625
Red-Orange	GERCXNLE1	without guide	3.24 (10.63)	3.81 (12.50)	51 (167)	16	-	618
	GERCXNLE1	with white guide (GEXNLG15)	3.24 (10.63)	3.81 (12.50)	32 (105)	10	-	618
	GERCXNLE1	with guide (GEPOXNLG15)	3.24 (10.63)	3.81 (12.50)	49 (161)	15	-	618
Amber	GEYAXNLE1	without guide	3.24 (10.63)	3.81 (12.50)	49 (161)	15	-	589
	GEYAXNLE1	with white guide (GEXNLG15)	3.24 (10.63)	3.81 (12.50)	30 (98)	9	-	589
	GEYAXNLE1	with guide (GEYAXNLG15)	3.24 (10.63)	3.39 (11.12)	31 (102)	10	-	589
Green	GEGLXNLE1	without guide	2.88 (9.45)	3.39 (11.12)	101 (331)	23	-	532
	GEGLXNLE1	with white guide (GEXNLG15)	2.88 (9.45)	3.39 (11.12)	80 (262)	28	-	532
	GEGLXNLE1	with guide (GEGLXNLG15)	2.88 (9.45)	3.39 (11.12)	55 (180)	19	-	532
Blue	GEBLXNLE1	without guide	2.88 (9.45)	3.39 (11.12)	23 (75)	5	-	467
	GEBLXNLE1	with white guide (GEXNLG15)	2.88 (9.45)	3.39 (11.12)	20 (66)	7	-	467
	GEBLXNLE1	with guide (GEBLXNLG15)	2.88 (9.45)	3.39 (11.12)	19 (62)	7	-	467
White	GEWHXNLE1	without guide	2.88 (9.45)	3.39 (11.12)	104 (341)	24	71	6500K
	GEWHXNLE1	with white guide (GEXNLG15)	2.88 (9.45)	3.39 (11.12)	74 (243)	26	-	6500K
Warm White	GEWWXNLE1	without guide	2.88 (9.45)	3.39 (11.12)	79 (259)	18	69	3200K
	GEWWXNLE1	with white guide (GEXNLG15)	2.88 (9.45)	3.39 (11.12)	63 (207)	22	-	3200K

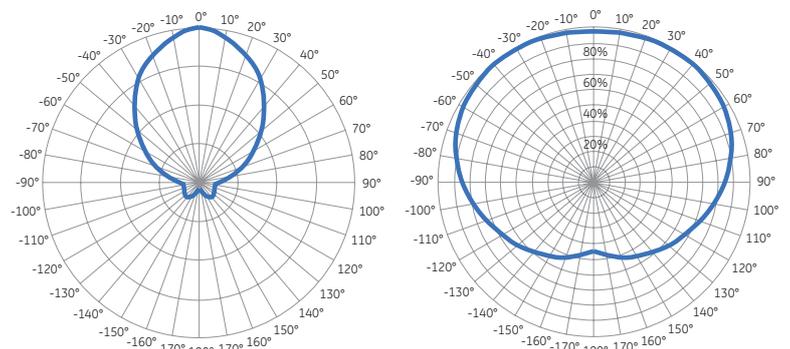
Technical Specifications

Dimensions w/o Guide	0.41 in. x 96 in. x 0.43 in. (10mm x 2438mm x 11mm)
Dimensions w/Guide	1 in. x 96 in. x 1.08 in. (25mm x 2438mm x 28mm)
Viewing Angle w/o Guide	110°
Viewing Angle w/Guide	330°
Power Supplies	GEPS24-20, GEPS24-80 & GEPS24-100U
Output Voltage	24 VDC
Input Voltage	GEPS24-20: 90-264 VAC & 50/60Hz GEPS24-80: 108-264 VAC & 50/60Hz GEPS24-100U: 108-305 VAC & 50/60Hz
Operating Temp. Range	-40°C to 55°C
Storage Temp. Range	-40°C to 75°C
Limited Warranty	Up to 5 years
System Certifications	Assembled light engine and light guide: IP66; outdoor rated Power Supply: IP66; separate enclosure required, damp location rated



For IES files, application information and additional product support, visit us at led.com

Light Output



LED light engine

LED light engine with light guide

Compliments of:



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For customer service & technical support, contact:
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