

# Tetra<sup>®</sup> Contour

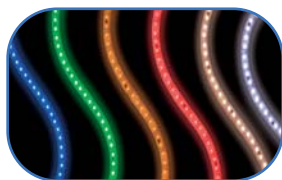
## LED Lighting System



### Component List

SKU	Description	Color	Quantity	Additional Information
<b>Tetra Contour light engines</b>				
GERDXNLE1	Tetra Contour LED Light Engine	Red	12/box	Unit Length: 8 ft. (2.44m)
GERCXNLE1	Tetra Contour LED Light Engine	Red-Orange	6/box	Unit Length: 8 ft. (2.44m)
GEYAXNLE1	Tetra Contour LED Light Engine	Amber	6/box	Unit Length: 8 ft. (2.44m)
GEGLXNLE1	Tetra Contour LED Light Engine	Green	6/box	Unit Length: 8 ft. (2.44m)
GEBLXNLE1	Tetra Contour LED Light Engine	Blue	6/box	Unit Length: 8 ft. (2.44m)
GEWHXNLE1	Tetra Contour LED Light Engine	White (6500K)	6/box	Unit Length: 8 ft. (2.44m)
GEWWXNLE1	Tetra Contour LED Light Engine	Warm White (3200K)	6/box	Unit Length: 8 ft. (2.44m)
<b>Tetra Contour light guides</b>				
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)
GELGXNLG15	Tetra Contour Light Guide	Lime Green	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)
<b>Tetra Contour LS</b>				
GERDXNLA2-RD	Tetra Contour LS	Red	6/box	Unit Length: 8 ft. (2.44m)
GERDXNAA2-RD	Tetra Contour LS Extension	Red	1/bag	Unit Length: 16 in. (406mm)
GEGLXNLA2-GL	Tetra Contour LS	Green	6/box	Unit Length: 8 ft. (2.44m)
GEGLXNAA2-GL	Tetra Contour LS Extension	Green	1/bag	Unit Length: 16 in. (406mm)
GEBLXNLA2-BL	Tetra Contour LS	Blue	6/box	Unit Length: 8 ft. (2.44m)
GEBLXNAA2-BL	Tetra Contour LS Extension	Blue	1/bag	Unit Length: 16 in. (406mm)
GEWHXNLA2-WH	Tetra Contour LS	White (6500K)	6/box	Unit Length: 8 ft. (2.44m)
GEWHXNAA2-WH	Tetra Contour LS Extension	White (6500K)	1/bag	Unit Length: 16 in. (406mm)
GEWWXNLA2-WH	Tetra Contour LS	Warm White (3200K)	6/box	Unit Length: 8 ft. (2.44m)
GEWWXNAA2-WH	Tetra Contour LS Extension	Warm White (3200K)	1/bag	Unit Length: 16 in. (406mm)

Tetra Contour light engines



Tetra Contour light guides



Tetra Contour LS



## Component List

SKU	Description	Quantity	Additional Information
GEPS24-20	Power Supply: Input: 90-264VAC, Output: 24VDC/20W	10 power supplies	
GEPS24-80	Power Supply: Input: 108-264VAC, Output: 24VDC/80W	10 power supplies	
GEPS24-100U	Power Supply: Input: 108-305VAC, Output: 24VDC/100W	10 power supplies	
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 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	

Power Supplies



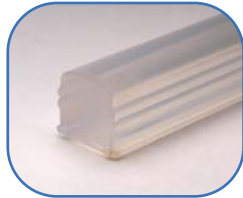
Supply Wire



Weather Box



Light Guide Bend-Aid



Mounting Clips



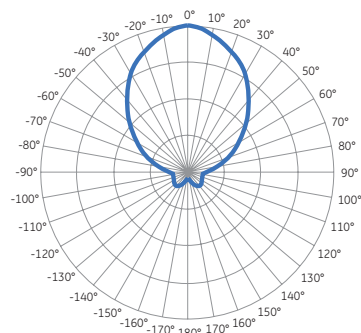
Twist-on Wire Connectors



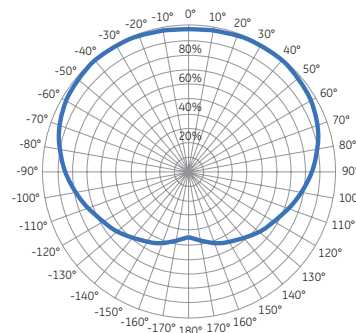
## Performance Standards

Classification	Test Item	Test Condition/Standard
Physical	Corrosion Resistance (Salt Atmosphere)	ASTM B117-73
	UV Resistance (Plaques)	Xenon Arc G-155-98 / SAE J-1960
Environmental	Power Temperature Cycling	MIL-STD-883E, Method 1010.7
	High Temperature/High Humidity Operation	+60°C / 90% RH, 1000 Hours
Aging Life	High Temperature Storage	+75°C, 1000 Hours
	Low Temperature Storage	-40°C, 1000 Hours
	High Temperature Operation	Ta=55°C, 1000 Hours

## Light Output



LED light engine



LED light engine with light guide

## Accessories

SKU	Description	Color	Quantity
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
GELGXNLGC15	Tetra Contour Light Guide Connector	Lime Green	20/bag
GELGXNLGEC15	Tetra Contour Light Guide End Cap	Lime Green	20/bag
GELGXNLGI15	Tetra Contour Light Guide 90° Inside Corner	Lime Green	20/bag
GELGXNLGO15	Tetra Contour Light Guide 90° Outside Corner	Lime Green	20/bag
GELGXNLGP15	Tetra Contour Light Guide 90° Planar Corner	Lime Green	20/bag
GEGLXNLGEC15	Tetra Contour Light Guide End Cap	Green	20/bag
GECLXNLGC15	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

Light Guide End Caps



Light Guide Connectors

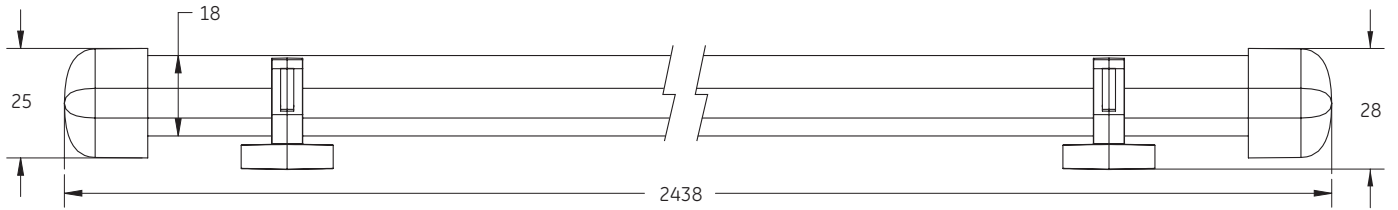


Light Guide Corners

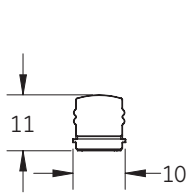


# System & Component Illustrations

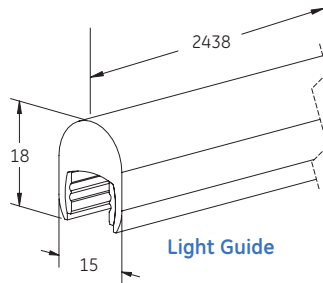
All dimensions are in mm  
Images are not to scale



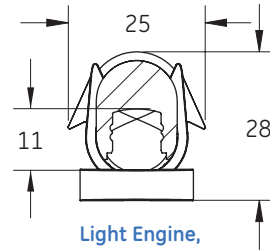
**Tetra Contour Complete System**



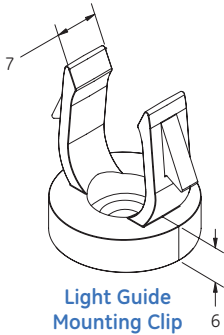
**Light Engine**



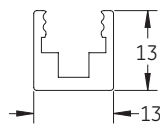
**Light Guide**



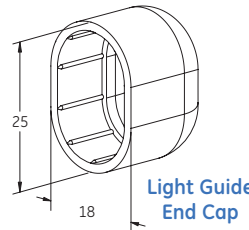
**Light Engine, Light Guide & Mounting Clip**



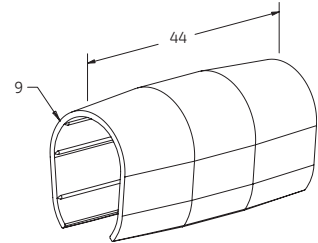
**Light Guide Mounting Clip**



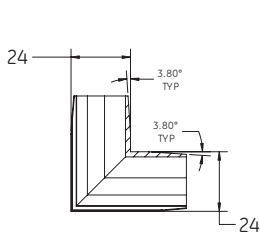
**Light Engine Mounting Clip**



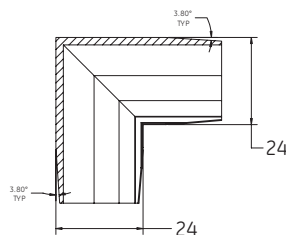
**Light Guide End Cap**



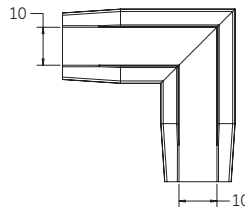
**Light Guide Connector**



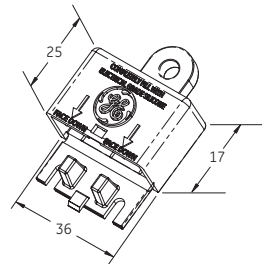
**Inside Corner Connector**



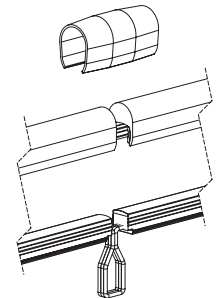
**Outside Corner Connector**



**Planar Corner Connector**



**Weather Box**



**Exploded View**

For component guide, IES files, application information and additional product support, visit us at [led.com](http://led.com)



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