

Lumination® Contour

LED ARCHITECTURAL SPECIALTY

Project Name _____

Date _____ Type _____

Notes _____



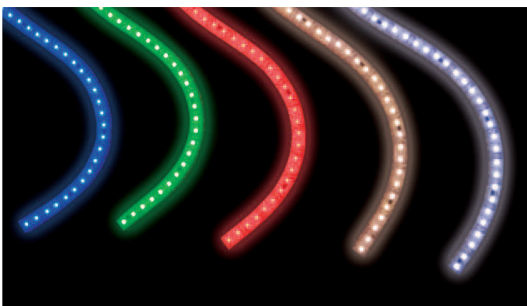
Lumination® Contour is comprised of a flexible LED light engine and a rigid, optically diffused light guide that can be heat formed to fit a variety of architectural needs. With a variety of colors to choose from, designers can mix-n-match components to create bold designs and attractive accent lighting without the typical worries of working with fragile neon glass.

Interior Commercial Applications

Contour is ideal for border lighting, interior art, cove and accent lighting.

Features & Benefits

- Up to 40% more energy efficient than neon
- Low-voltage 24VDC system
- Dimmable with 0-10V Dimming Driver
- Contains no lead, mercury or glass
- Long rated life of 50,000 hours
- Multiple ANSI bin color temperatures: red, green, blue, amber, red-orange, white, & warm white
- Multiple Light guide colors available



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Specification Details

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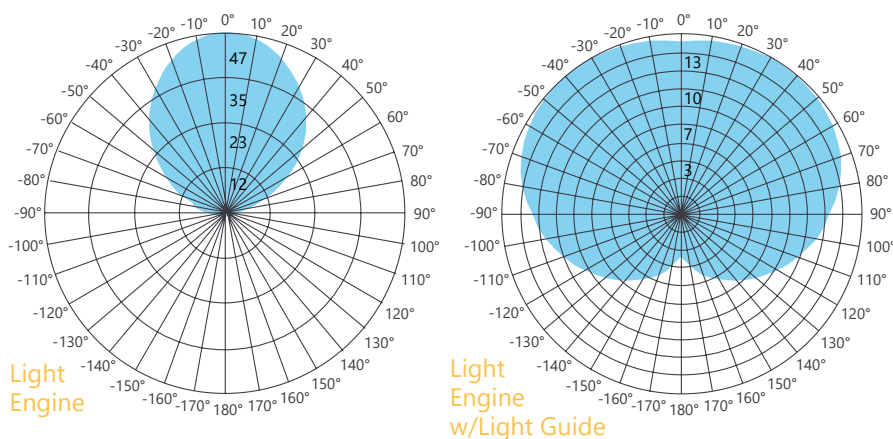
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Lumination® Contour Light Engines

Code	Description	Description	Viewing Angle (light engine)	Viewing Angle (light guide)	Lumens ft/m (light engine)	Watts ft/m (light engine strip)	Watts ft/m (system)	Qty	Unit Length
75481	GERDXNLE1-A	Red 625nm Light Engine	115°	330°	55/180	1.52/4.99	1.79/5.87	12/PK	8 ft. (2.44mm)
75484	GEGLXNLE1-A	Green 532nm Light Engine	115°	330°	120/394	1.52/4.99	1.79/5.87	6/PK	8 ft. (2.44mm)
75485	GEBLXNLE1-A	Red 467nm Light Engine	115°	330°	30/98	1.52/4.99	1.79/5.87	6/PK	8 ft. (2.44mm)
87962	GEYAXNLE1-A	Amber 589nm Light Engine	115°	330°	60/197	2.27/7.45	2.67/8.76	6/PK	8 ft. (2.44mm)
87963	GERCXNLE1-A	Red-Orange 618nm Light Engine	115°	330°	85/279	2.27/7.45	2.67/8.76	6/PK	8 ft. (2.44mm)
75487	GEWWXNLE1-27K-A	White 2700K Light Engine	115°	330°	107/351	3.17/10.40	3.73/12.24	6/PK	8 ft. (2.44mm)
75488	GEWWXNLE1-30K-A	White 3000K Light Engine	115°	330°	117/384	3.17/10.40	3.73/12.24	6/PK	8 ft. (2.44mm)
75489	GEWWXNLE1-35K-A	White 3500K Light Engine	115°	330°	125/410	3.17/10.40	3.73/12.24	6/PK	8 ft. (2.44mm)
75490	GEWWXNLE1-40K-A	White 4000K Light Engine	115°	330°	131/430	3.17/10.40	3.73/12.24	6/PK	8 ft. (2.44mm)
75493	GEWHXNLE1-50K-A	White 5000K Light Engine	115°	330°	156/512	3.17/10.40	3.73/12.24	6/PK	8 ft. (2.44mm)
75486	GEWHXNLE1-65K-A	White 6500K Light Engine	115°	330°	144/472	3.17/10.40	3.73/12.24	6/PK	8 ft. (2.44mm)

Light Output



Candela (Cd) measurements taken at 6500K
IES files can be downloaded at LED.com

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Accessories

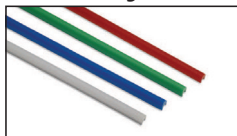
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Accessories

Contour Light Guide



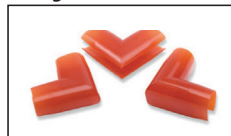
Light Guide Connectors



Light Guide End Caps



Light Guide Corners



Code	Description	Description	Color	Quantity
75529	GERDXNLG15	Contour Light Guide (8 ft./2.44m)	Red	12/PK
75531	GERDXNLGEC15	Contour Light Guide End Cap	Red	20/PK
75330	GERDXNLGC15	Contour Light Guide Connector	Red	20/PK
75495	GERDXNLGI15	Contour Light Guide 90° Inside Corner	Red	20/PK
75496	GERDXNLGO15	Contour Light Guide 90° Outside Corner	Red	20/PK
75497	GERDXNLGP15	Contour Light Guide 90° Planar Corner	Red	20/PK
75521	GEGLXNLG15	Contour Light Guide (8 ft./2.44m)	Green	12/PK
75523	GEGLXNLGEC15	Contour Light Guide End Cap	Green	20/PK
75522	GEGLXNLGC15	Contour Light Guide Connector	Green	20/PK
75505	GEGLXNLGI15	Contour Light Guide 90° Inside Corner	Green	20/PK
75503	GEGLXNLGO15	Contour Light Guide 90° Outside Corner	Green	20/PK
75502	GEGLXNLGP15	Contour Light Guide 90° Planar Corner	Green	20/PK
75526	GBLXNLG15	Contour Light Guide (8 ft./2.44m)	Blue	12/PK
75535	GBLXNLGEC15	Contour Light Guide End Cap	Blue	20/PK
75527	GBLXNLGC15	Contour Light Guide Connector	Blue	20/PK
75500	GBLXNLGI15	Contour Light Guide 90° Inside Corner	Blue	20/PK
75501	GBLXNLGO15	Contour Light Guide 90° Outside Corner	Blue	20/PK
75504	GBLXNLGP15	Contour Light Guide 90° Planar Corner	Blue	20/PK
75541	GEXNLG15	Contour Light Guide (8 ft./2.44m)	White	12/PK
75532	GEXNLGEC15	Contour Light Guide End Cap	White	20/PK
75533	GEXNLGC15	Contour Light Guide Connector	White	20/PK
75507	GEXNLGI15	Contour Light Guide 90° Inside Corner	White	20/PK
75499	GEXNLGO15	Contour Light Guide 90° Outside Corner	White	20/PK
75511	GEXNLGP15	Contour Light Guide 90° Planar Corner	White	20/PK
96690	GEPOXNLG15	Contour Light Guide (8 ft./2.44m)	Orange	12/PK
96699	GEPONLGEC15	Contour Light Guide End Cap	Orange	20/PK
96691	GEPONLGC15	Contour Light Guide Connector	Orange	20/PK
96700	GEPONLGI15	Contour Light Guide 90° Inside Corner	Orange	20/PK
96701	GEPONLGO15	Contour Light Guide 90° Outside Corner	Orange	20/PK
96702	GEPONLGP15	Contour Light Guide 90° Planar Corner	Orange	20/PK
96710	GEYAXNLG15	Contour Light Guide (8 ft./2.44m)	Yellow	12/PK
96757	GEYAXNLGEC15	Contour Light Guide End Cap	Yellow	20/PK
96755	GEYAXNLGC15	Contour Light Guide Connector	Yellow	20/PK
96758	GEYAXNLGI15	Contour Light Guide 90° Inside Corner	Yellow	20/PK
96759	GEYAXNLGO15	Contour Light Guide 90° Outside Corner	Yellow	20/PK
96760	GEYAXNLGP15	Contour Light Guide 90° Planar Corner	Yellow	20/PK
62186	GEGRXNLG15	Contour Light Guide (8 ft./2.44m)	Clear	12/PK

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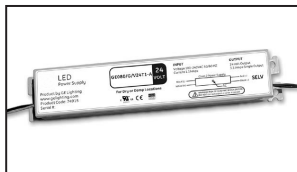
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Components & Technical Specifications

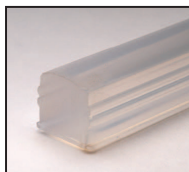
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Components

LED Drivers



Light Guide Bend-Aid



Mounting Clips



Code	Description	Description	Quantity	Additional Information
67285	GEPS24-100UGL-IP	LED Driver: Input: 108-305VAC, Output: 24VDC/100W	1/ea	
62189	GE180/MV/V24T1-C	LED Driver: Input: 90-305VAC, Output: 24VDC/180W	1/ea	
79045	GE080/MV/D24T1-A	Dimmable LED Driver: Input 90-305VAC, Output: 24VDC/80W	1/ea	0-10V Dimming
75612	GEDM1-A	LED Dimming Module	1/ea	0-10V Dimming; use with non-dimming LED Driver
75514	9409	18 AWG (0.82mm ²) Supply Wire	500 ft. (152.40 m)/PK	2 wire
75537	GEXNBA	Contour Silicone Bend-Aid (Reusable)	12/PK	Unit Length: 16 in. (406mm)
75520	GEXNMC15	Contour Light Guide Mounting Clip	50/PK	
75498	GEXNMCAC	Contour Light Engine Mounting Clip	20/PK	White, Paintable Surface

Technical Specifications

Specification Item	Specification
Module Dimensions	0.44 in. x 0.44 in. x 16.25 in. (10 mm x 10 mm x 413 mm)
Length of Light Engine	8 ft. (2.44 m)
Light Engine Packaging Quantity	67825 (GE100/MV/V24T1-A), 62189 (GE180/MV/V24T1-C) & 79045 (GE080/MV/D24T1-A), 0-10V dimming
LED Drivers	24 VDC
Operating Voltage	74917, 67825, 62189, & 79045: 8 in. (0.20 m)
Minimum Loading	Unit Length: 16 in. (406mm)
Maximum Loading	White Colors: 79045: 22 ft. (6.69 m) 67825: 27 ft. (8.19 m) 62189: 25 ft. (7.59 m) per Bank/50 ft. (15.18 m) per Driver RGB Colors: 79045: 50 ft. (15.24 m) 67825: 59 ft. (17.98 m) 62189: 55 ft. (16.76 m) per Bank/110 ft. (33.53 m) per Driver
Remote Temperature	Standard length of 1-20 ft. (0.3-6.1m) with 18AWG (0.82mm ²) supply wire; for greater lengths refer to the installation instructions.
Ambient Temperature	-40°C to +55°C
Limited Warranty	5 years
IP Rating	Light Engine IP54: Dry or damp location rated; Light Engine and Light Guide IP66: Dry, damp or wet location rated

System Certifications



This product is intended solely for the use of non-residential architecture lighting and is not intended for use in any other applications. Photograph courtesy of Blake Marvin-HKS, Inc.

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Dimensional Details

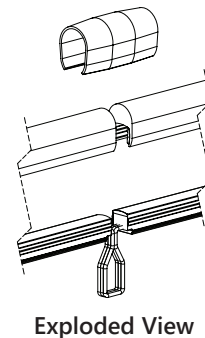
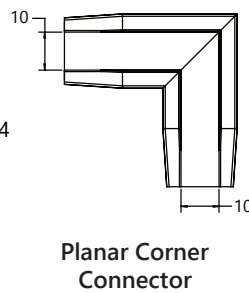
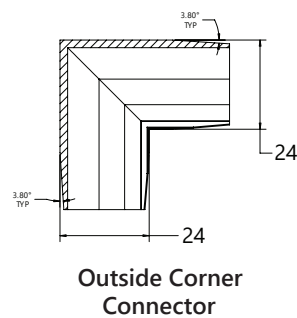
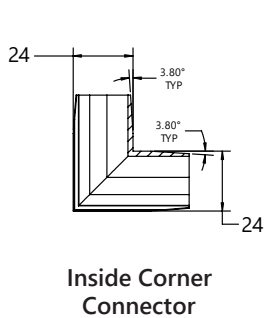
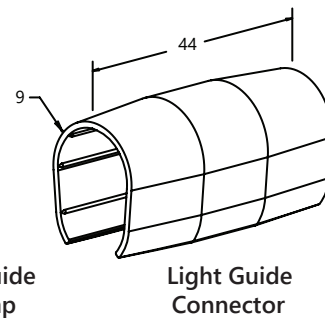
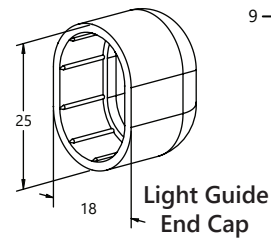
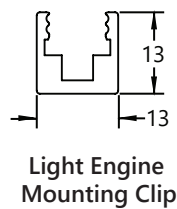
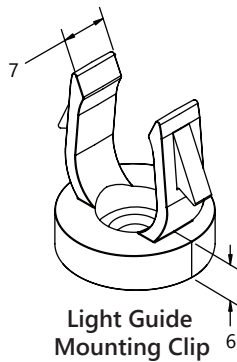
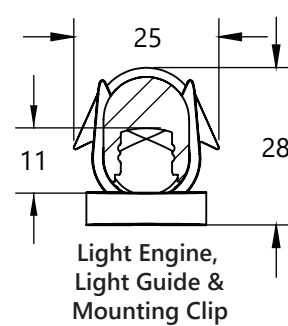
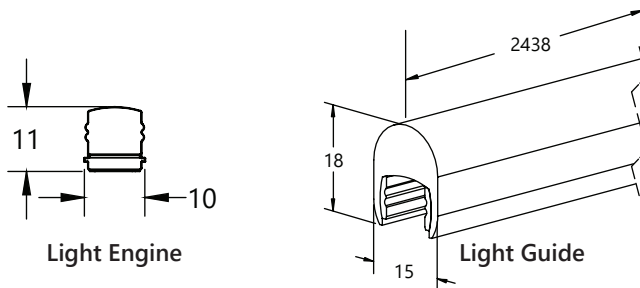
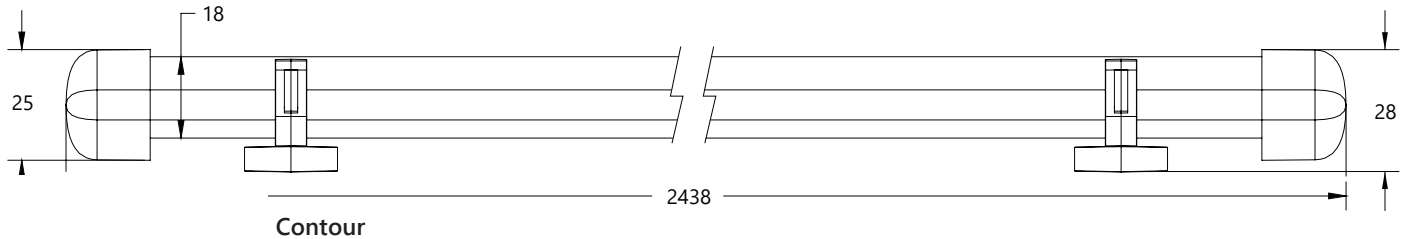
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Product Illustrations

All dimensions are in mm
Images are not to scale



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