

COLORGLO™ LED CHANNEL LETTER LIGHTING



Maintenance free, low voltage modules for bright and consistent channel letter lighting

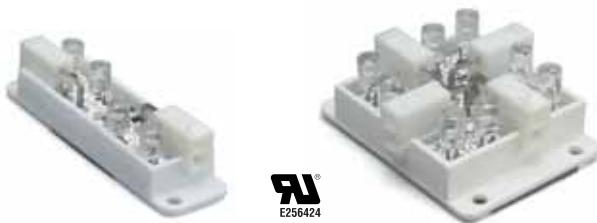
ColorGlo LED Channel Letter Lighting is ideal for new or retrofit channel letter illumination, light boxes, menu boards and other signage applications. Additionally, the modules are useful for exhibit, display, entertainment and architectural lighting for decorative effects and other lighting applications where low voltage, white or colored light is required.

ColorGlo Channel Letter modules are available in cool white, green, aqua, blue, red, orange and amber. They are easy-to-install with self-adhesive backing and quick connect wiring that does not require soldering, screwing or wire crimping. The unique two-part design allows for modules to be moved or colors changed without removing the adhesive base.

The ColorGlo Channel Letter Lighting system resists corrosion and uses long-life LEDs for a virtually maintenance-free solution. It operates on AC current for simpler installation. AC voltage eliminates the need for polarity specific installation and allow for line voltage dimming using a variety of standard simple rheostat type and other dimming options.

FEATURES & BENEFITS

- Modular system interconnects in minutes
- Compatible with both new and retrofit signage
- Two-part module allows for changes in color & position
- Two module configurations for even illumination in block or script lettering
- AC powered system operates in any polarity
- Simple line voltage dimming
- UL-recognized LED modules
- Numerous LED advantages over neon - see website



J&J
ELECTRONICS,
INC.



ColorGlo™

Manufactured by:  J&J Electronics • 35 Hammond, Irvine, CA 92618 USA • 800.735.4553 • 949.455.4460 • www.colorgloledlighting.com

COLORGLO™ LED CHANNEL LETTER LIGHTING

J&J ELECTRONICS, INC.

SPECIFICATIONS FOR LED MODULES:

	4-LED MODULE	8-LED MODULE
Input Voltage	12VAC	12VAC
Input Current		
Red, Orange, Amber,	25mA	50mA
Green, Aqua, Blue & White	50mA	100mA
Power		
Red, Orange, Amber,	0.30W	0.60W
Green, Aqua, Blue & White	0.60W	1.20W
LED Type		
Red, Orange, Amber,	115° AlInGaP	115° AlInGaP
Green, Aqua, Blue & White	115° InGaN	115° InGaN
PCB Material	FR-4 G-10 Epoxy Glass 94-VO Rated	FR-4 G-10 Epoxy Glass 94-VO Rated
Plastic Housing Material	Polypropylene, White, UL 84-V2 Flame Rated	Polypropylene, White, UL 84-V2 Flame Rated
Dimensions	0.50" (12.7mm) x 1.80" (45.7mm)	1.43" (36.3mm) x 1.90" (48.3mm)
Mounting	Automotive Acrylic Foam Tape Backed	Automotive Acrylic Foam Tape Backed
Mounting Holes	Two 0.125" Holes on 2.175" x 0.350" Pattern	Four 0.125" Holes on 1.00" x 1.66" Pattern
Power Connectors	CVI LUX CP-01402150, 2-Pin Locking	CVI LUX CP-01402150, 2-Pin Locking
Environmental	-30° to 50° C*	-30° to 50° C*
Listings	UL & C-UR Recognized LED Module	UL & C-UR Recognized LED

*0-95 Humidity

SPECIFICATIONS FOR TRANSFORMER:

(Refer to datasheet on Power Supply Transformers or see website for additional details)

2240 Series Part #	Module Capacity Red/Orange/Amber	Module Capacity Green/Aqua/Blue/White	Input	Output	Circuits
C2240-12	800/400	400/200	120/240VAC	12VAC/240Watts	4 x 60Watts
C2240-12-277	800/400	400/200	277VAC	12VAC/240Watts	4 x 60Watts
601 Series Part #					
601-120-12	200/100	100/50	120VAC	12VAC/60Watts	1 x 60Watts
601-208-12	200/100	100/50	208-240VAC	12VAC/60Watts	1 x 60Watts
601-277-12	200/100	100/50	277-480VAC	12VAC/60Watts	1 x 60Watts

ACCESSORIES:

Description	Part Number
Module-to-module cable, 4" (101.6mm)	CL-CA-4
Module-to-module cable, 12" (305mm)	CL-CA-12
Letter-to-letter cable, 2' (610mm)	CL-CA-24
Letter-to-letter cable, 4' (1.22m)	CL-CA-48
Letter-to-letter cable, 6' (1.83m)	CL-CA-72
Letter-to-letter cable, 10' (3.05m)	CL-CA-120
Power supply to 1st module cable, 8' (2.44)	CL-CA-96
Power supply to 1st module cable, 16' (4.88m)	CL-CA-192
Channel Letter junction	CL- JUNCTION

BUILDING A PART NUMBER

CL - [LED Module] - [Color Code]
 8 W6000-cool white
 4 G-green
 AQ-aqua
 B-blue
 R-red
 O-orange
 A-amber

Example: CL-8-AQ
 8-LED Module, Aqua

For pricing and additional information, consult your ColorGlo Sales Representative or Authorized Dealer (for rep/dealer contact information, call J&J Electronics at 800.735.4553)



Manufactured by:  J&J Electronics • 35 Hammond, Irvine, CA 92618 USA • 800.735.4553 • 949.455.4460 • www.colorgloledlighting.com

©2007 J&J Electronics, Inc. All rights reserved. ColorGlo is a trademark of J&J Electronics, Inc.

Rev. 080907