

# Mini LuxemBright™

## LIGHT REDEFINED

### MINI LUXEMBRIGHT® LED Channel Letter System

The Mini LuxemBright® channel letter system is designed for narrow channels in illuminated signs where larger LED modules are unable to fit. The Mini LuxemBright® modules fit into narrow spaces as tight as .47 inches (12mm) in width. Each module is built with three 5mm LEDs, delivering high lumen output. The inside of each module is potted with thermal silicone, protecting the circuitry against water and corrosion. Double-sided tape on the back allows for quick and easy installation. The Mini LuxemBright® operates on a 12 volt DC system, and is more energy efficient than neon, making it a great option for illuminating channel letters, cove lighting, and backlighting.



CAO Group's innovative designs offer lighting solutions for all types of signage and other specialized applications. Our MINI LUXEMBRIGHT® modular LED system even rivals the high brightness of neon!

### Applications

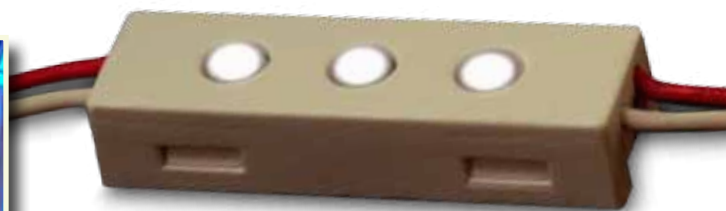
- Illuminated Signs: Front-Lit, Halo-Lit
- Backlighting
- Accent Lighting

### Features

- Fully Potted & Water Resistant
- Vibration Resistant
- High Lumen Output
- Operates on 12 Volt DC System
- Superior Outdoor Performance
- Cut and Splice Anywhere Between Modules
- Double-Sided VHB Tape on Back of Each Module
- Available in White, Red, Amber, Blue, Green, and Orange
- UL Recognized (UL#: E300609)

### Benefits

- Long Life
- Environmentally Friendly
- Energy Efficient
- Produces No Hazardous Waste
- Easy to Install



ISO 9001 CERTIFIED  
TS 16949 CERTIFIED FACTORY

The Mini LuxemBright® LED System is one of the most user-friendly LED systems in the market. The system can be cut and spliced at any point between modules. The installer can even splice any color of Mini LuxemBright® together without any problems. Each module is potted, protecting the electrical components against humidity and corrosion. Double-sided tape with pull tabs allows for fast and easy installation. Special components, connectors, and tools are not required, making it the most flexible system in the signage industry.



## Mini Luxembright® LED Channel Letter System

### Mini Luxembright® Specifications:

Product #	Color	Lumens/Ft.	Modules/Ft.	Viewing Angle	Watts/Module	Warranty	CT/ λ	Max. Length* (40W)	Max. Length* (60W)
774-W0013	White	29	3	115°	.20	4 YEARS	8500K	60 Ft	90 Ft
774-R0013	Red	16	3	115°	.30	5 YEARS	629 nM	40 Ft	60 Ft
774-Y0013	Amber	28	3	115°	.30	5 YEARS	590 nM	40 Ft	60 Ft
774-E0013	Orange	17	3	115°	.30	5 YEARS	606 nM	40 Ft	60 Ft
774-G0013	Green	27	3	115°	.20	5 YEARS	522 nM	60 Ft	90 Ft
774-B0013	Blue	9	3	115°	.20	4 YEARS	470 nM	60 Ft	90 Ft

### Distribution

Please see our website to find a local distributor:

<http://www.caogroup.com>

### 12 VDC Power Supplies



p/n: 771-16212

Watts: 60  
 Max Output Current: 5.0A  
 Input Voltage: 90-264 VAC  
 Input Current: 0.8 @ 115 VAC  
 Output Voltage: 12 VDC



p/n: 771-16312

Watts: 60  
 Max Output Current: 5.0A  
 Input Voltage: 100-277 VAC  
 Input Current: 1.5 Amps @ 90 VAC  
 Output Voltage: 12 VDC



p/n: 771-14012

Watts: 40  
 Max Output Current: 3.3A  
 Input Voltage: 100-240, 277 VAC  
 Input Current: 0.5 Amps @ 115 VAC  
 Output Voltage: 12 VDC



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