

LUXEMBRIGHT® LED SYSTEMS

INFERNO™

The LuxemBright® Inferno™ LED system is a low voltage, highly efficient alternative to traditional neon and fluorescent lighting. It offers easy installation, durability, and a long life span for all of your channel letter illumination needs. The 9 LED per module cluster design allows for extremely bright and homogenous lighting. Designed for signage applications with returns 5.0" or greater.

APPLICATIONS

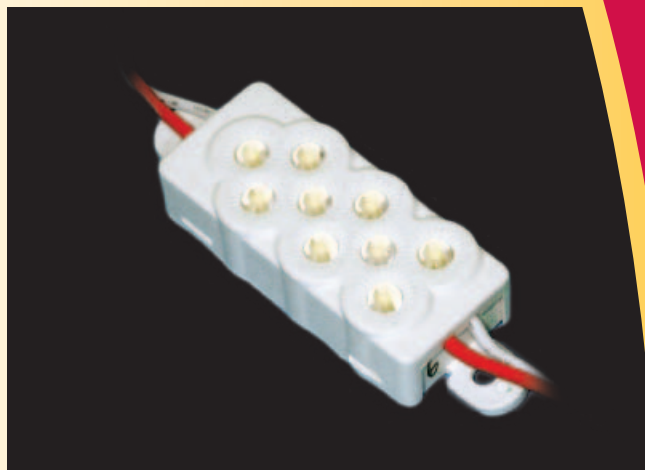
- Channel Letters
- Front-lit and halo-lit
- Cove/accent lighting
- Cabinet box signs
- Backlighting
- Architectural lighting
- 5.0-10.0" return depths

BENEFITS

- Warranty up to 5 years
- Environmentally safe, RoHS compliant
- Energy efficient
- Easy to install
- UL Recognized (E332228)
- Modules are potted to IP67 standards

FEATURES

- Vibration resistant
- Operates on a 12 volt DC system
- Superior outdoor performance
- Cut and splice anywhere between modules
- Double-sided VHB tape on the back of each module
- Available in white, red, amber, orange, green, and blue.






SPECIFICATIONS

Product #	Color	Lumens/ Foot	Modules/ Foot	Viewing Angle	Watts/ Modules	Warranty (Years)	CCT/λ	Max Footage per Power Supply (ft)			
								40 W	60 W	120 W	240 W
770-W0023	White	135	3	120	0.54	4	9000 K	24	37	74	148
770-R0023	Red	50	3	120	0.66	5	622 nm	20	30	60	120
770-Y0023	Amber	50	3	120	0.54	5	590 nm	24	37	74	148
770-E0023	Orange	45	3	120	0.54	5	605 nm	24	37	74	148
770-G0023	Green	105	3	120	0.54	5	525 nm	24	37	74	148
770-B0023	Blue	18	3	120	0.54	4	470 nm	24	37	74	148

*Warm White Available Upon Request

*Specifications subject to change

12 VDC POWER SUPPLIES

Product #	Watts	Max Output	Input Voltage	Input Current	Output Voltage	 US	UL Class
771-14012	40	3.3 A	100-240, 277 VAC	0.5 Amps @ 115 VAC, full load	12 VDC	E249377	2
771-16212	60	5.0 A	100-240, 277 VAC	0.8 Amps @ 115 VAC, full load	12 VDC	E320521, E307078	2
771-17212	120*	5.0 A	100-277 VAC	3.2 Amps @ 115 VAC, full load	12 VDC	E307120	2
771-18212	240**	5.0 A	100-277 VAC	3.0 Amps @ 115 VAC, full load	12 VDC	E307120	2

* (2) 60 Watt Channels

** (4) 60 Watt Channels



CAO GROUP, INC.

Easier · Faster · Better™

Solid State Lighting

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Patents Pending

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