LED RGB CHANNEL LETTER MODULES

Indoor and outdoor rated.

Uses only 0.72W per module.

Shatterproof and vibration resistant.

Easy installation.

LCM3-RGB Series
LED RGB CHANNEL LETTER MODULES

The LCM3-RGB Series LED Modules are encapsulated in a thermoplastic molded housing. The LCM3-RGB utilizes three RGB LEDs per module, offering high performance yet low operating costs for commercial signage applications. These modules can be easily manipulated, mounted on any surface and require no maintenance. The LED modules are supplied in a string of up to 20 modules that can be individually cut based on customer needs.
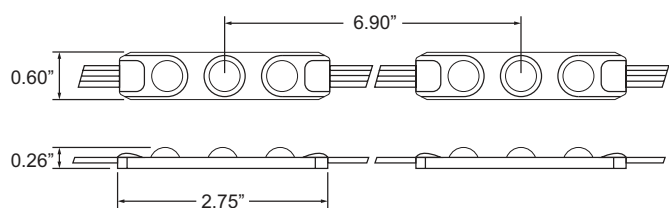

APPLICATIONS

- Channel letter lighting
- Back lighting
- Accent lighting
- Cove lighting
- Halo effects
- Club lighting

FEATURES & BENEFITS

- LED solid state lighting module
- Long life, minimal power consumption of 0.72W per module
- Indoor and outdoor rated
- Reliable in extreme temperatures
- No broken glass or toxic materials compared to neon
- Shatterproof and vibration resistant
- Easy installation using 3M adhesive tape included on the back of each module as well as a pre-drilled hole for screw installation
- Uniform illumination
- High luminous intensity

PERFORMANCE

	Red	Green	Blue
Lumen/Module	8	15	3.5
Wattage/Module		.72	
Wavelength	620-630nm	510-520nm	460-470nm
Beam Angle		160°	

ELECTRICAL

Voltage	12
Current	100mA

COMPLIANCE

IP Rating	IP67
Warranty	3 Years

PHYSICAL

Dimensions	2.75"L x 0.60"W x 0.26"H
Storage Temp	-40°C to 65°C (-40°F to 149°F)
Operating Temp	-25°C to 55°C (-13°F to 131°F)
LEDs/Module	3
Max Per String	20 modules from supply to termination
Max Length Per String	140"
Mounting	3M Adhesive Tape (included) or Screw

ORDERING INFORMATION

Example: LCM3-RGB-18

Series	Color	# of Modules
LCM3	RGB = Color Changing LED	XX = # of Continuous Modules (20 max)

See specification sheet for complete list of available drivers and accessories

BARRON
lighting group