

DESCRIPTION

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

- 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°		

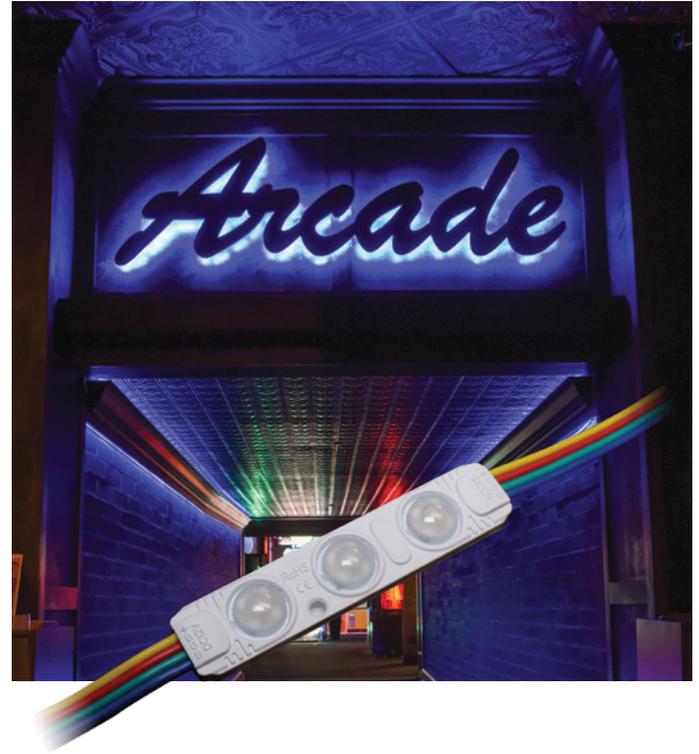
ELECTRICAL

Voltage	12
Current	100mA

COMPLIANCE

IP Rating	IP67
Warranty	3 Years

Model: _____ Date: _____
Accessories: _____
Job Name: _____ Type: _____



PHYSICAL

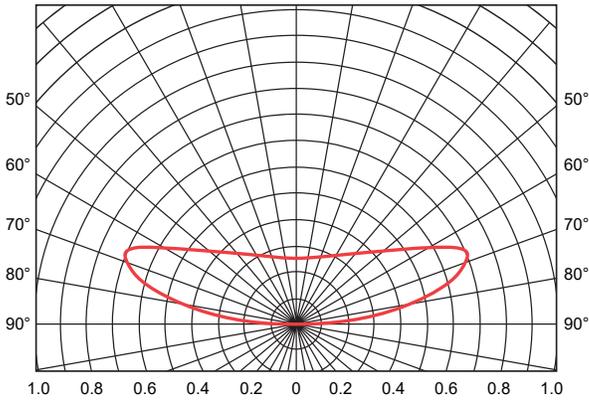
Dimensions	2.75"L x 0.60"W x 0.26"H
Storage Temperature	-40°C to 65°C (-40°F to 149°F)
Operating Temperature	-25°C to 55°C (-13°F to 131°F)
LEDs/Module	3
Max Per String	20 modules on a single driver
Max Length Per String	140"
Mounting	3M Adhesive Tape or Screw

ORDERING INFORMATION (See page 2 for accessory ordering information)

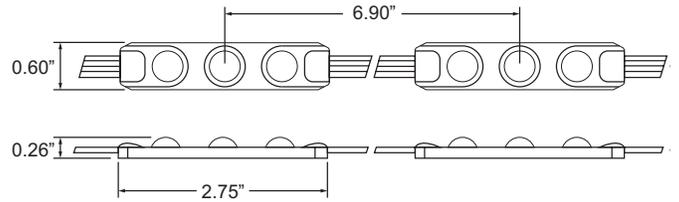
Example: LCM3-RGB-18

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

LIGHT DISTRIBUTION



DIMENSIONS



12VDC NON-DIMMING TRANSFORMER ORDERING INFORMATION (Order As Separate Line Item)

Example: XFMR-12-60

Part Number	Description	Dimensions (AxBxC)
XFMR-12-20	12 Volt, 20 Watt, Class 2 Power Supply	4.65" x 1.37" x 1.0"
XFMR-12-35	12 Volt, 35 Watt, Class 2 Power Supply	5.8" x 1.57" x 1.18"
XFMR-12-60	12 Volt, 60 Watt, Class 2 Power Supply	6.39" x 1.67" x 1.25"
XFMR-12-150	12 Volt, 150 Watt, Class 2 Power Supply	8.74" x 2.67" x 1.52"



ACCESSORIES (Sold Separately)

Part Number	Image	Description
RFX-DMX-CV-DECODER		Indoor 5050 RGB DMX decoder with RJ45 input, output 12-24V (needs DMX board, not included) INDOOR USE ONLY
POWER4M		6VDC, 0.65A power adapter for STICK-KE2

Part Number	Image	Description
STICK-KE2		DMX controller, 1024 channels. INDOOR USE ONLY (requires the use of the POWER4M power adapter)