

G-Series LED Modules

Emeralight's **LED Modules** bring white or colored lighting to cramped, contoured, and shallow places. Bright LEDs are surface mounted on printed circuit boards (PCB) in groups of nine (Glory II module), three (Trinity module), and two (Sidewinder module). Each module is less than 1/4" tall and easily mounted with 3M VHB tape supplied. Emeralight's **LED Modules** are ideal for a variety of applications such as: channel lettering signage, edgelit acrylic signage, reverse channel lettering signage, displays, and commercial lighting elements.



Green-Sidewinder



Red-Trinity



Blue- Glory II

Power Consumption

Glory II: White, Blue and Green

1.08 w per module

Glory II: Amber and Red

2.52w per module

Trinity and Sidewinders: White, Blue and Green

.36w per module

Trinity and Sidewinders: Red and Amber

.84w per module

Emeralight's LED modules are manufactured in Kansas City, Missouri!

General Specifications

- Colors Available: white, red, blue, green and amber (not available in all models-call for clarification)
- Source: single-colored LEDs
- Beam Angle: 120 degree light distribution
- Throw: Approximately 18-24" with no lens.
- Listings: UL Listed

Communication Specifications

- Data Interface and Control: None required for basic installations; for control of multiple units contact factory.

Environmental Specifications

- Temperature Range: -10° to 120° F
- Moisture Exposure: Not submersible; should not be exposed to direct wet weather elements. Conformal coated to protect components from most high humidity levels.

Electrical Specifications

- Power Requirement: 12 Vdc power supply
- Lamp Life: Under ideal environmental and electrical conditions, Emeralight's LEDs are expected to last approximately 70,000 to 100,000 hours according to LED manufacturers. As with most light sources, users can expect a depreciation in brightness during the course of this estimated hour lifetime.

Mechanical Specifications:

- Sidewinder Module: 1/2"W x 1"L
- Trinity Module: 1/4" W x 2 3/4" L
- Glory II Module: 1/4" W x 8 1/2"L