

BF-CHAM Chameleon Color Changing LED Lamp

In 2 pin MR-16 or 5 pin MOLEX connection versions

The Boca Chameleon Module is a low voltage, analog driven LED array fixture that fits with a 2 pin MR-16 or 5 pin MOLEX JST connection. The BF-CHAM is a cost-effective, pre-programmed color changing solution that easily integrates into a wide variety of lighting applications.



Technical Specifications

For either 2 pin MR16 or 5 pin Molex connection versions	
Input Voltage.....	12VDC or 12VAC
Input Current.....	150mA
Polarity.....	Reverse Polarity Protection
Number of LEDs.....	12
LED type T1 3/4 (5mm)	AllInGaP (Red) InGaN (Blue, Green)
Array	Analog Driven RGB Array
Driver Type.....	Constant Current Power MOSFET
Modulation Type	Steady Rising, Falling Ramp, ...control via external driver with 5 pin
version	
Cycle Time	Rise – Fall 1-2 Seconds
Body.....	Standard MR-16 or PCB with 24 AWG wire
leads	
PCB Diameter.....	1.12"
PCB Thickness	0.062
Connections	24 AWG StrandedFlying Leads 12", 2 pin MR16, 5 pin
Molex	

**Custom colors / configurations – special order*

Key Features

- Compact size and low voltage power requirement allows for easy integration into products and displays
- Progresses through a slow, rainbow color wash sequence creating an infinite number of color patterns
- Long life – up to 100,000 hours
- Two versions: 2 pin MR16 or 5 pin Molex JST version allows harnessing of light to external analog interface for increased control of timing and effects
- Daisy chain multiple lamps to create a uniform display

Applications

- Spot and daisy-chained lighting applications
- Wide variety of accent and decorative lighting, especially architectural and entertainment features, retail, exhibit & display
- Popular uses: bar back, uplighting bottles, water displays & splash, ice lighting, glass edge, exhibit & display, sales promotions, etc.
- OEM integration into products and displays

Additional information & details at www.bocaflasher.com

The most current information, including data sheets, schematics, product integration sheets, power & control information, and additional information on cables, accessories, and more are on the Boca website. For specific requirements, contact your Boca sales representative.