

COLORGLO™ RGB LED LAMPS



RGB color change effects using a standard medium Edison screw base LED lamp

ColorGlo RGB LED lamps are ideal for architectural and entertainment interior applications – from decorative color effects for clubs, casinos and restaurants to stage and studio decorative set lighting effects. The standard Edison lamp base and simple circuit activated control also makes the ColorGlo RGB LED lamps well suited for residential use, as well as other applications where static or changing color effects are desired.

Featuring 16.7 million colors and on board effects programs, these lamps offer the convenience of standard Edison screw base and are designed to install or retrofit into popular Par can and fixtures sizes (see back page for size requirements). ColorGlo RGB LED lamps are pre-programmed with 5 color change modes including color hold effects, a fast color snap mode and 4 color cross-fades modes. Modes are activated using a standard light switch—no controller is necessary.

FEATURES & BENEFITS

- 5 color change modes, which include color hold effects, one fast snap mode and 4 modes with cross-fades
- Medium Edison base – installs or retrofits easily in just minutes (in Par can or fixture)
- Thermal management system allows for optimal light output, while generating little heat
- No controller necessary. Operates through a standard light switch
- Multiple lights interconnected through a single light switch can be synchronized automatically
- Choose from either 72 or 202-LED count
- Available in 12VAC or 120VAC



J&J ELECTRONICS, INC.



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MEDIUM EDISON BASE LED LIGHT

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PRODUCT SPECIFICATIONS

LED Count	72	202
Power Consumption	12.0W	35.3W
Dimensions	3.07" (78.0mm) diameter 2.41" (61.2mm) depth	6.69" (169.9mm) diameter 4.93" (125.2mm) depth
Optic Angle	30°	30°
LED Type		
Red	AllInGap	AllInGap
Green	InGaN	InGaN
Blue	InGaN	InGaN
Power Interface	Medium Edison Base	Medium Edison Base
Environmental	-25° to 50° C*	-25° to 50° C*
Listings	ETL	ETL

*0-95 Humidity

USE AND SETTINGS

OPERATION

1. Color hold selection. Cycle power off - on in less than 2 seconds intervals to hold or continue mode operation.
2. Color mode advancement. Cycle power off. Wait 3 - 4 seconds. Power back on to advance to next color mode.
3. Reset. Cycle power off. Wait 5 - 7 seconds. Power back on to reset Color Mode #1.
4. Color mode memory. Power off for greater than 8 seconds. On next power on, unit retains memory of last color mode and resumes mode operation.

COLOR MODES

1. Two minute color sequence cycle with slow cross-fade between colors.
2. Half second, random fast snap change between colors.
3. Seventy-seven minute color sequence cycle with super slow cross-fade between colors.
4. Eleven second cycle through red, white and blue with quick cross-fade between colors.
5. Twenty-four second cycle through green and blue with slow cross-fade between colors.

COLOR SEQUENCE FOR MODES 1, 2, AND 3

1. Blue
2. Red
3. Aqua
4. Magenta
5. Orange
6. White
7. Green

LED ADVANTAGES

- Generates 16.7 million colors
- Low voltage increases safety and eliminates arcing hazard
- Lasts up to 50,000 hours to reduce maintenance costs
- Instant illumination with no startup delays or flicker, even in cold climates
- Durable and shock resistant, no glass or filament components to break
- Consumes less power to reduce operating costs

PAR CAN SIZE REQUIREMENTS

CGAL-2030 / 202-LED (fits Par 56 can or Par 60 with spacer)

CGAL-7030 / 72-LED (fits Par 30 can)

FIXTURE SIZE REQUIREMENTS

CGAL-2030 / 202-LED (enclosures not less than 6.75 in./172mm)

CGAL-7030 / 72-LED (enclosures not less than 3.25 in./83mm)

PART NUMBERS

For use in 120 Volt Installations:

Part Number	Description
CGAL-2030-110	202-LED RGB Lamp
CGAL-7030-110	72-LED RGB Lamp

For use in 12 Volt Installations:

Part Number	Description
CGAL-2030-12	202-LED RGB Lamp
CGAL-7030-12	72-LED RGB Lamp

To find the ColorGlo Sales Representative or Authorized Dealer nearest to you,
call J&J Electronics 800.735.4553 or visit www.colorgloledlighting.com



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