

CALRAD[®] ELECTRONICS

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Visit us on the web at www.calrad.com

Size: .49" Wide x .14" Thick
5 Meter Rolls



**2 Wire Single Color and
4 Wire RGB Flexable L.E.D Strip Lighting**

New

Part No.
92-300 (White)
92-301 (RGB)
**L.E.D Strip Lighting
and RGB Controller**

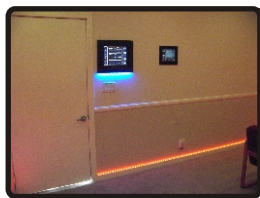
Calrads new line of L.E.D. waterproof strip lighting provides the unique ability to select each independant color of Red, Green or Blue or combinations to create (256 shade levels each color, 16 million shades) of lighting in a small thin form factor. The flexible silicon PCB can be bent to a maximum radius of 2cm. 50 L.E.D's per meter 4 watts per meter. Cut between every 3 LEDs to create the size length for your application. Creates stunning visual effects, Little or no heat, Solid-state, high shock / vibration resistant, very bright & low power consumption.

Cut at designated
positions only

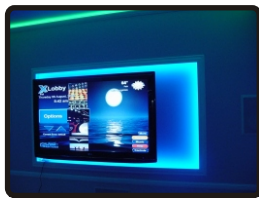


Cut L.E.D Strip to
your desired length

Strip L.E.D Room lighting



Touchscreen + Floor Lighting



Behind Video Displays

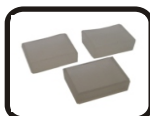


Ceiling \ Crown Moulding

- Home theaters, Entertainment systems, rack lighting
- Water fountains, pools, spas, landscaping and other outdoor accent lighting
- Restaurants, lounges, casinos, homes and retail stores
- Downlighting and uplighting features
- Edge lighting glass plates: for a dramatic effect and edge light with this ribbon
- Lighting art or accent pieces (no UV emissions)
- Wine Cellars
- Under cabinet lighting, Crown Moulding lighting for limousines, RV's and cars
- Boats, Yachts and cruise ships
- Lots of other applications--use your imagination!



92-322 (2 Cond)
92-324 (4 Cond)
2 conductor and 4
conductor Bridge Clips



Clear Rubber
End Caps
Included



92-325 (2 Cond) Strip to power coupler
92-326 (4 Cond) Strip to power coupler

L.E.D Specifications

Wattage-Actual (W) : 40
Brightness : 350 lumens/meter
Light Color : Solid or Color Changing
Number Of LED's : 60/meter
Viewing Angle (°) : 120
LED Spacing (Eng) : 0.66 in
LED Spacing (Met) : 17 mm
Minimum Cutting (Eng) : 1.97 in
Minimum Cutting (Met) : 50.00 mm
Length (Eng) : 16.40 ft
Length (Met) : 5 m
Width (Eng) : 0.56 in
Width (Met) : 14 mm
Height (Eng) : 0.12 in
Height (Met) : 3 mm
Average Lifetime : 50,000 hours
Voltage : 12 Vdc
Rating : ROHS

Description:

Calrad's IR Remote RGB LED Controller enables independent control over individual or combined (RGB) L.E.D. channels that can provide many different lighting effects, use the standard IR remote (Included) or learn the IR codes into your favorite universal remote or home control system, (xLobby supported product). Retains memory of last setting if power is lost or cycled off/on. Works with all Calrad IR repeaters and distribution products. Screw terminal connections for power and RGB outputs, accepts up to 18 Awg wire.

Functions include:

Power On/Off
Speed color changing (Up/Down, 16 levels)
Brightness (Up/Down, 0-100%)
(Lock) stop at the current color (R, G, B)
(Fade) set color change with or without fade
5 Discrete preset color changing patterns

IR Button Presets:

Preset 1: R->RG->(RG+)->G->GB->B->RB->RGB->R
Preset 2: R->RG->G->GB->B->RB->R
Preset 3: R->RGB->B->RB->RGB->RG->RG->G->RGB->RB->R
Preset 4: R->G->B->R-> with cross
Preset 5: R->R->B->R-> without cross

Specifications:

Power Input: 12/24V DC
Power Output: 12/24VDC (300W Max.)
Case Dimensions: L-3.97" x W-1.32" x H-1.16"
Material: Plastic, Weight: 70 g
Heat Dissipation: 15 percent of total power input
Ambient Operating Temperature: 14°F to 122°F (-10°C to 50°C)

HEX IR code file available.....!

**12Vdc RGB Outputs
IR Receiver**



12Vdc Input



IR Remote

92-341

IR Remote RGB L.E.D. Controller



**45-603-LED, 12Vdc, 4.1A
DC Power Supply**