

Light-O-Rama



CB100D

ShowTime

Cosmic Color Bulbs

50/100 RGB LEDs with Controller

www.lightorama.com

- 50 or 100 bright, RGB LED, C7 size crystal Christmas bulbs with 6" spacing
- Includes controller with universal voltage power supply
- Each bulb's color and brightness is individually controllable
- 16 million possible colors
- Weatherproof bulbs and controller
- DMX and Light-O-Rama protocols
- New Power Line Control (PLC) feature — see explanation to the right
- Configured as one or two 50 bulb strings originating from a single controller
- Configurable string resolution — 50 pixels (50 RGB channels), 25 pixels (25 RGB channels), 17 pixels, 16 pixels, 10 pixels, 5 pixels, 2 pixels and 1 pixel
- Choice of sequential (all R, all G then all B) or RGB channel numbering
- Macro effects — Single Sequence Editor channel manipulates a 50 bulb string at its maximum resolution
- All Light-O-Rama effects and two strobe effects supported
- Legacy mode for software not supporting more than 16 channels per controller



The CB100D is one or two 50 bulb strings (one 50 bulb string pictured above) with a single controller. Each RGB LED bulb contains its own IC controller which can be individually addressed and set to any one of 16 million colors.

A 50 bulb string appears as 150 separate channels or 50 RGB channels. To make a bulb string easier to use there are three controller features.

The first is on-the-fly logical resolution selection. A 50 bulb string can be set to one of eight logical resolutions which group adjacent bulbs into single pixels.

The second is macro effects. A macro effect allows the bulb string to be manipulated at its full 50 pixel resolution using a few macro channels. There are a dozen macro effects.

The third is color effects. Color effects are used instead of the RGB channels, using 3 only channels..

New with this product is Power Line Control (PLC.) Traditionally, data cables are run to controllers to direct them. The CB100D supports this, but it can also receive data over its AC power connection. You can plug several controllers into the same power cord and plug that power cord into an Injector. Your data cable connects to the Injector which puts the commands on the AC power line eliminating the need for separate data cables.

Specifications

Configuration	1 or 2 strings of 50 C7 size RGB LED bulbs, 6" spacing
Control channels per 50 bulb string	160 separate channels or 60 if using RGB channels
Power	22 watts (2 bulb strings)
Operating Temp	-20° F to 140° F
Power adapter	100-240 VAC
Bulb string length	25' plus 2' lead to controller
Controller dimensions	6"L x 4" W x 2"H

Imagine it, then do it

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