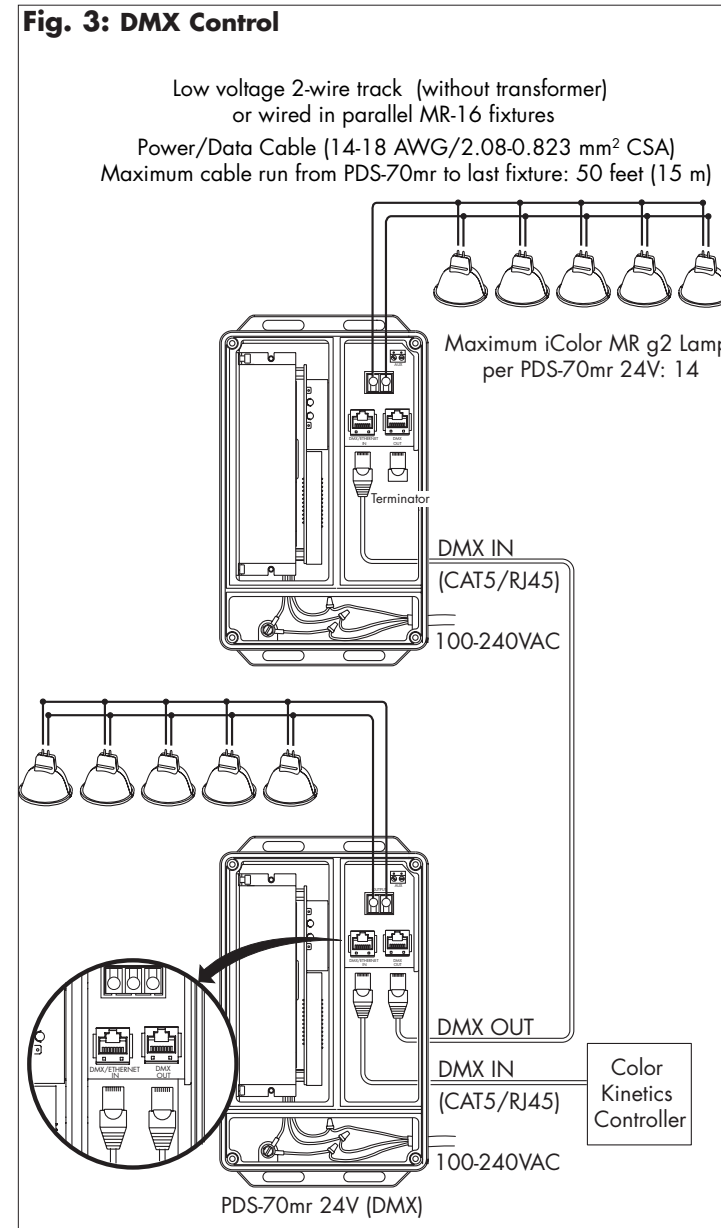


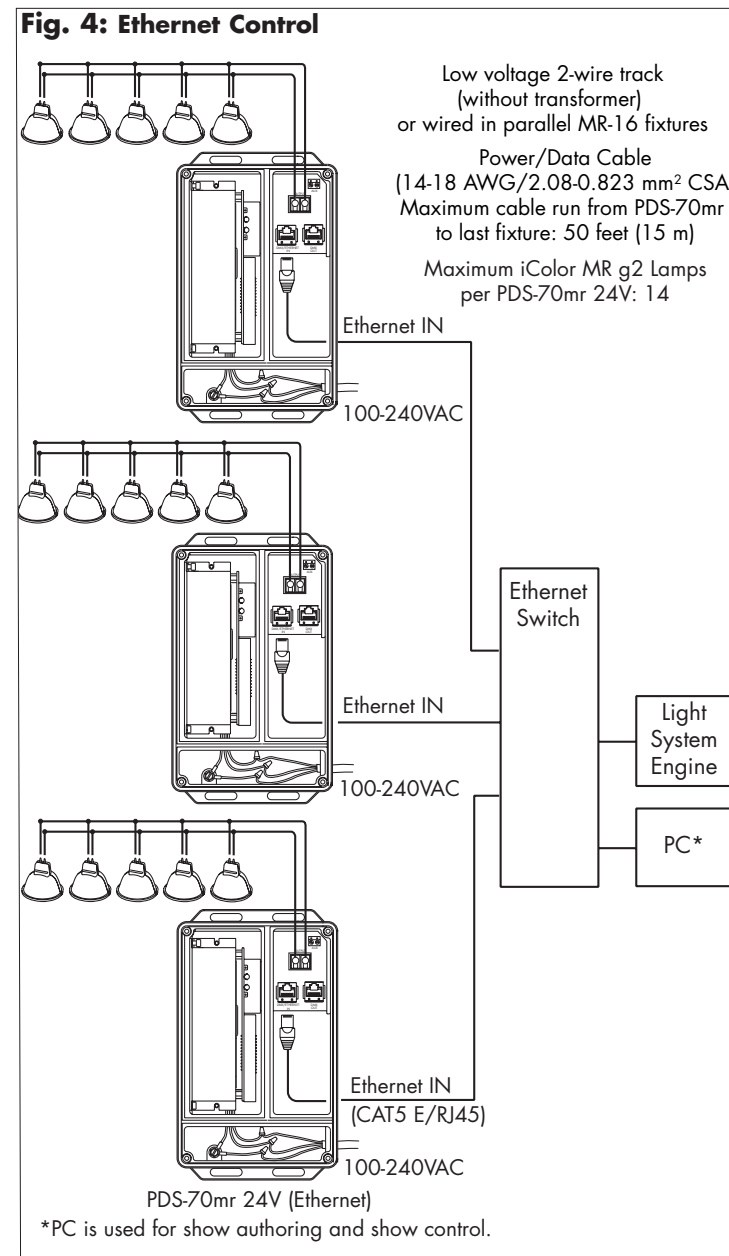


The preprogrammed PDS-70mr can be used to synchronize preprogrammed shows in large, multiple PDS-70mr installations by daisy chaining data from the DMX OUT port to the DATA IN port on a PDS-70mr with DMX control. For complete instructions, list of effects, and wiring diagrams for the Preprogrammed power/data supply, refer to the PDS-70mr User Guide and wiring diagrams located at [www.colorkinetics.com/support](http://www.colorkinetics.com/support).



The PDS-70mr with DMX control receives data from an external DMX controller. Color Kinetics offers a full line of DMX controllers including the ColorDial preprogrammed controller or the iPlayer 2 storage and playback control. Custom effects and light shows can be created using one of Color Kinetics light show authoring softwares—Light System Composer or ColorPlay.

For the full line of Color Kinetics controllers and software visit [www.colorkinetics.com](http://www.colorkinetics.com). For complete instructions and wiring diagrams for the DMX power/data supply, refer to the PDS-70mr User Guide and wiring diagrams located at [www.colorkinetics.com/support](http://www.colorkinetics.com/support).



The PDS-70mr with Ethernet control receives data from Color Kinetics Light System Manager. Light System Manager combines the Light System Engine storage and playback device with Light System Composer show authoring software. For more information on the Light System Manager, visit [www.colorkinetics.com](http://www.colorkinetics.com).

For complete instructions and wiring diagrams for the Ethernet power/data supply, refer to the PDS-70mr User Guide and wiring diagrams located at [www.colorkinetics.com/support](http://www.colorkinetics.com/support).

### ADDRESSING iCOLOR MR g2

How the iColor MR g2 is addressed depends on the method of control and the PDS-70mr 24V power/data supply that you choose.

**PDS-70mr 24V DMX:** Using the serial number recorded on the iColor MR g2 light, set a DMX address for each light via the PDS-70mr with one of the following Color Kinetics addressing tools: Serial Addressing Software (SAS) or ZAPI 1.5.

Recording the serial number prior to installation, lets you address the lights after installation. Follow the user guide for the tool you choose for complete instructions. SAS is available for download from [www.colorkinetics.com/support](http://www.colorkinetics.com/support).

**PDS-70mr 24V Ethernet:** The Ethernet version of the PDS-70mr 24V is used in conjunction with Color Kinetics Light System Manager. The Light System Manager includes Light System Composer software and Light System Engine hardware. With Light System Manager, you can discover and address the lights after installation.

**PDS-70mr 24V Preprogrammed:** With the exception of the Chasing Rainbow, when using the preprogrammed PDS-70mr 24V no addressing is required.

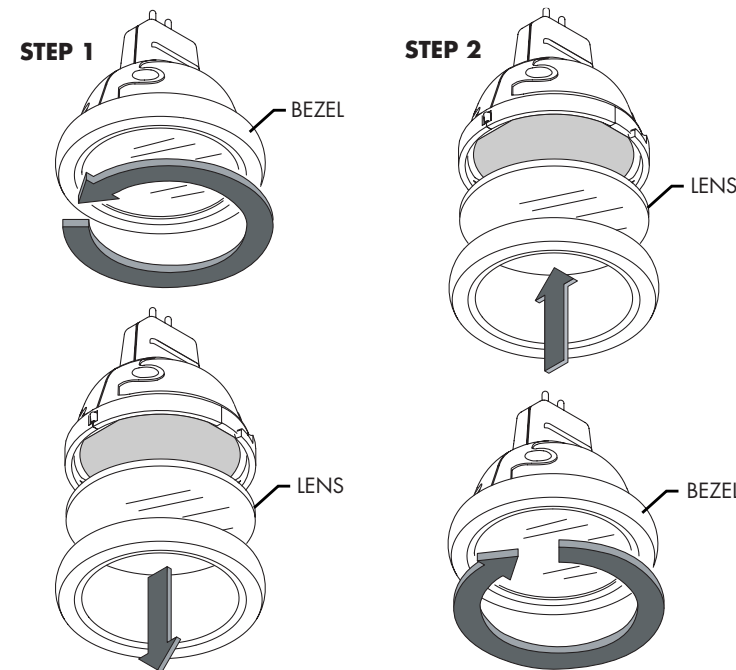
### REPLACING LENSES

The iColor MR g2 comes with a factory installed clear lens and an additional frosted lens. These lenses are interchangeable and can be easily replaced. To replace the lenses, follow the steps below.

**CAUTION:** The fixture bezel holds the lens in place. Removing the bezel frees the lens. Use caution when removing and replacing the bezel that the lens does not drop. Failure to do so can result in lens damage.

**Step 1:** Rotate the bezel counter clockwise 1/2 inch (13mm) to release it from the housing. Pull bezel and housing apart.

**Step 2:** Remove the lens from the bezel and replace it with the provided lens. With the lens resting in the bezel, align the mounting ears with the housing notches. Press housing and bezel together and turn clockwise 1/2 inch (13mm) until the bezel snaps into place.



### iCOLOR MR g2 SPECIFICATIONS

|                          |  |
|--------------------------|--|
| <b>SOURCE</b>            | 10 half watt colored LEDs                                |
| <b>HOUSING</b>           | Die-cast zinc, approx. 1.8" (4.6 cm) MOL, 2" (5 cm) DIA. |
| <b>BASE</b>              | GX5.3  |
| <b>CONNECTORS</b>        | 2-pin terminal for use with Color Kinetics PDS-70mr 24V  |
| <b>POWER CONSUMPTION</b> | 5W Max. at full intensity (full RGB)                     |
| <b>POWER REQUIREMENT</b> | 24VDC  |
| <b>POWER SUPPLY</b>      | PDS-70mr 24V (ITEM# 109-000018-00 Series)                |
| <b>TEMPERATURE</b>       |  |
| <b>AMBIENT</b>           | -4°F to 104°F (-20°C to 40°C)                            |
| <b>LAMP SURFACE</b>      | 167°F (75°C)   |

### LED SOURCE LIFE

In traditional lamp sources, lifetime is defined as the point at which 50% of the lamps fail. This is also termed Mean Time Between Failure [MTBF]. LEDs are semiconductor devices and have a much longer MTBF than conventional sources. However, MTBF is not the only consideration in determining useful life. Color Kinetics uses the concept of useful light output for rating source lifetimes. Like traditional sources, LED output degrades over time (lumen depreciation) and this is the metric for SSL lifetime.

LED lumen depreciation is affected by numerous environmental conditions such as ambient temperature, humidity, and ventilation. Lumen depreciation is also affected by means of control, thermal management, current levels, and a host of other electrical design considerations. Color Kinetics systems are expertly engineered to optimize LED life when used under normal operating conditions. Lumen depreciation information is based on LED manufacturers' source life data as well as other third party testing. Low temperatures and controlled effects have a beneficial effect on lumen depreciation. Overall system lifetime could vary substantially based on usage and the environment in which the system is installed.

Temperature and effects will affect lifetime. Color Kinetics rates product lifetime using lumen depreciation to 50% of original light output. When the fixture is running at room temperature using a color wash effect, the range of lifetime is in the range of 80,000-100,000 hours. This is LED manufacturers' test data. High output is defined as any LED device that is 1/2 watt or above. For more detailed information on source life, please see [www.colorkinetics.com/lifetime](http://www.colorkinetics.com/lifetime).

### WARRANTY

This product is sold pursuant to CK's Standard Terms and Conditions (the "T&Cs") which may be found at <http://colorkinetics.com/howtobuy/buy/terms> and which contain important provisions, including, among others, Limited Warranty, exclusions and limitations on CK's liability for damages, and restrictions on the remedies that are available to you.