



LED or Fiber Optic Lighting?

Do you have the complete picture?

When it comes to lighting water features, the choice is not always clear.

	Fiber Optic Solution ADVANTAGE	LED Solution ADVANTAGE
Length of Operation		
▶ Metal halide will last a maximum of 20,000 hours		✓
▶ LED lights last a minimum of 50,000 hours		✓
Easy to Install		
▶ Fiber optic requires a trained technician to achieve equal light output. With LED there is no equalizing of fiber optic cable lights and no specialized knowledge is required. RGB sequenced lighting is less expensive to install than traditional color sequenced lighting.		✓
Easy to Maintain		
▶ Light transmission components don't age and require replacement		✓
Design Flexibility		
▶ LED has over 16 million color combinations vs. maximum of 8 for fiber optic		✓
▶ Each LED light is individually programmable allowing you to create an exciting light show with even a small number of lights		✓
▶ LED's have a lesser line loss light output over greater distance (30'/9.1m fiber optic vs. 200'/60.9m LED)		✓
System Cost		
▶ LED systems have come down in price. Fiber optic cables and illuminators add to cost		✓
Operating Cost		
▶ LED's last longer over time and require less maintenance		✓
Brighter Output		
▶ Not only do LED's have more color selection, that color is more vibrant		✓

Power Savings

LED's consume less power and can provide up to 10x lumen/watt advantage. LED components are smarter, last longer, provide more design flexibility, and are easier to maintain.



LED190



LED007



LED052



LED052
with Niche



LED160 Ring
light with Niche



LED002

Crystal Fountains LED Lights are Better Quality

How an LED light is manufactured can impact the quality of lens, its appropriateness to the fixture, heat management and LED engine. Crystal Fountains' manufactures to the highest of standards. Our LED's are 100% tested prior to shipping and UL/CE compliant.

Smarter

- Our LED lights can be individually programmed for design flexibility.
- Create an exciting and varied show with even a small number of LED lights!
Don't limit yourself to just pre-programmed shows.

Easier to Install

- We provide the longest distance between power source and light on the market.
- Provides greater installation flexibility.

Greater Design Flexibility

- Safe, 12V DC (24V DC also available)
- Super compact to heavy duty light fixtures available with various mounting configurations
- White and full RGB color-changing
- Works with Crystal Fountains power/data supply (or compatible with any DMX player)



Basic LED System (LED Light, Choreoswitch, Power and Data Supply, Control Panel)



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Crystal
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