

SEACHANGER



# NEMO

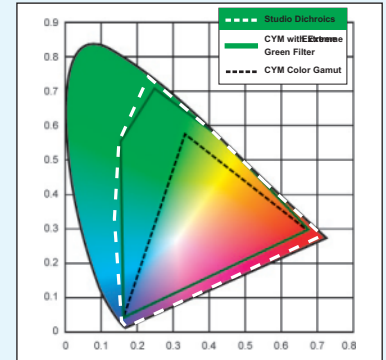
The SeaChanger Nemo is ideal for both indoor and outdoor lighting because of its resistance to the elements and carefree operation. Nemo reduces energy costs with a solid state, energy efficient LIFI® plasma source that reduces consumption and heat load. This new class of high intensity light source brings full spectrum and dimming for both general and specialty lighting applications. Nemo's LIFI design also offers longer life with up to 15,000 hours of

lamp time -- ideal for hard to reach installations. The Nemo's broad spectrum high color temperature output delivers 15,000 lumens for bolder blues and richer reds. Its rugged design is ideal for theme parks, night clubs, building illumination and all general outdoor events where weather resistance and durability are critical. SeaChanger Nemo utilizes ETC Source Four® front barrel housing.

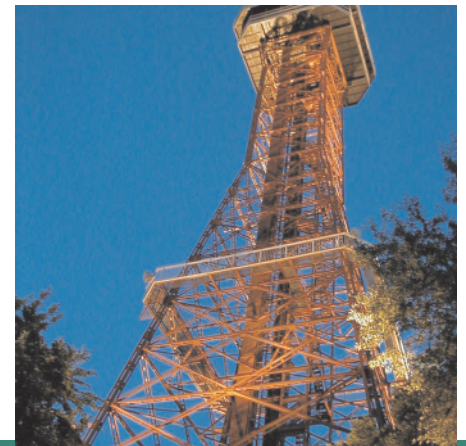
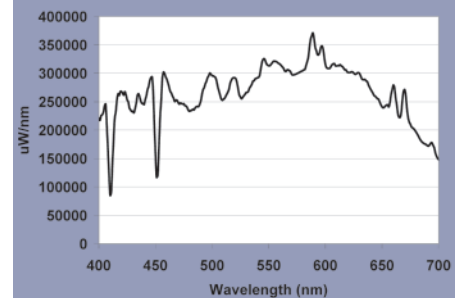
# Nemo Specifications

Ambient temperature:	113 °F (45 °C) maximum
Size/weight:	16.5" x 11.5" / 18.5 lb.
Power input:	110-250 VAC, 50/60 Hz, (auto-sensing), non-dimmed circuit
Power consumption:	100 W at 110 VAC, 16 Hz
Control:	8-bit DMX512 controller via 5-pin male and female XLR; RDM device per ANSI E1.20-2006
Channels:	DMX start address set via RDM or onboard display: Channel 1 - Cyan, 0-100% saturation Channel 2 - Magenta, 0-100% saturation Channel 3 - Yellow, 0-100% saturation Channel 4 - Standard xG (RGB) filter, 0-100% saturation Channel 4 - Optional patterned AI douser, dimming to full black-out
Color mapping:	Nearly infinite color mapping within a gamut of the CIE triangulated color space
Speed:	<1 second average from clear to full saturation
Accessory compatibility:	Beam shaping ETC Source Four accessories Enhanced Definition Lens Tubes (EDLT), Source Four Zooms, gobos, field-of-view barrels (10°, 14°, 26°, 36°, 50°, 70° and 90°)
Lamp compatibility:	Luxim LIFI ENT-30-OL
Lamp life	15,000 hours estimated
White light output:	15,000 lumens total system output
Color filters:	Studio Dichroic patterned CYM dimmer or xG coatings on optical glass substrates, BBAR coated, in-band transmission >98%
Maintenance:	Cable ring; 3' safety cable included

Comparison of Standard CYM Gamut with SeaChanger xG & Studio Dichroics  
1931 Standard Observer Chromaticity Diagram



## Lamp Spectral Curve



LIFI® is a registered trademark of Luxim Corporation

Source Four® is a registered trademark of Electronic Theater Controls, Inc.

## Versatile

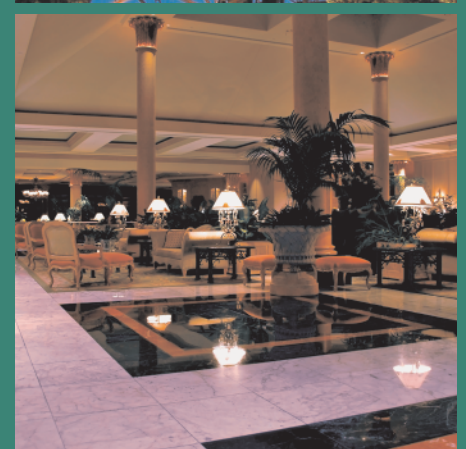
The SeaChanger Nemo is a dynamic CYMG color changer for ETC Source Four Ellipsoidals. It uses filter technology to create a nearly endless palette of stable, reproducible colors that don't shift or fade with time or temperature. Color transitions are swipe-free and efficient.

## Unique

The patented Extreme Green RGB Filter extends the CYM color gamut, enabling you to create deep blues, rich reds and vibrant greens. The xG filter also adds natural overtones and nuance to the standard CYM palette, creating a new dimension in realistic scenery lighting.

## Reliable

SeaChanger's filters resist heat and humidity far better than dye-colored gels and other technologies. Our special process produces filters that are ceramic in nature, eliminating the need for cooling fans. SeaChangers are easy to install and require virtually no regular maintenance.



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