

- *Silent operation*
- *Back and Side lighting*
- *Zoomable*
- *Seamless color mixing*



# WASH

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The SeaChanger Color Engine for Wash Lighting turns your ETC Source Four® reflector housing into a brilliant dichroic wash light. The Wash provides soft illumination and seamless color transitions for theatrical, worship, museum and architectural applications. The SeaChanger Wash is self-contained with an internal power supply and 4-channel DMX512 control for easy operation. SeaChanger Wash attaches to the lamp housing of your Source Four with a convenient bayonet mount. SeaChanger Wash also operates silently. That's because its dichroic filters are so robust that noisy cooling fans are unnecessary.

# Wash Specifications

**Ambient temperature:** 113 °F (45 °C) maximum

**Size/weight:** 7.0" x 11.5", 12 lb.

**Power input:** 90-260 VAC, 50/60 Hz, auto-sensing, non-dimmed circuit

**Power supply:** Onboard, internal 5 V, 50 W switching mode PS

**Control:** 8-bit DMX512 controller via 5-pin male and female XLR;  
RDM device per ANSI E1.20-2006

Front panel membrane keypad with LED numeric display

**Channels:** DMX start address set via RDM or onboard display:

Channel 1 - Cyan, 0-95% saturation

Channel 2 - Magenta, 0-95% saturation

Channel 3 - Yellow, 0-95% saturation

Channel 4 Standard xG (RGB) filter, 0-100% saturation

Channel 4 - Optional patterned Al douser, 0-99% dimming

Channel 4 - Optional custom dichroic filter

*Channel 4 Standard can be replaced with one of these options*

**Color mapping:** Nearly infinite color mapping within a gamut of the CIE triangulated color space; gamut extended by xG filter

**Speed:** <1 second average from clear to full saturation

**Zoom adjustment** 20° - 70° FOV

**Lamp compatibility:** 575 W, 750 W HPL, CDM lamps

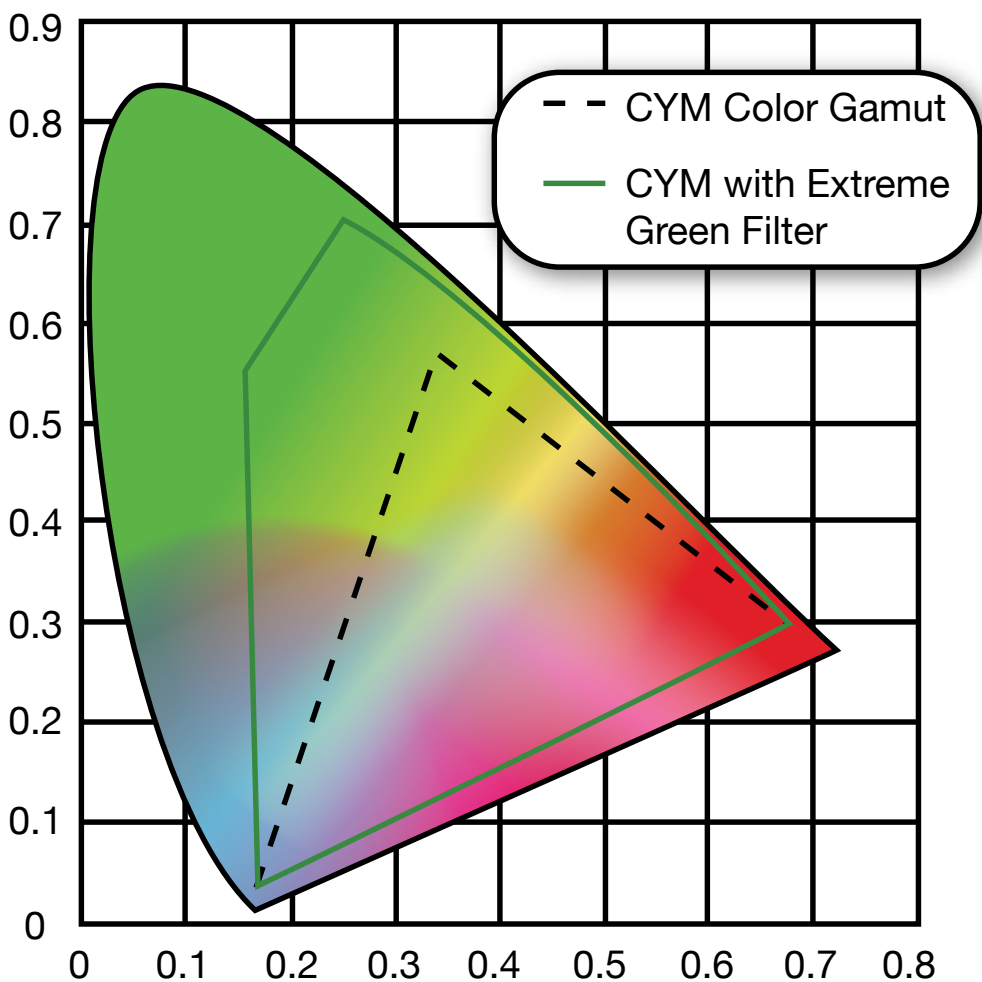
**White light output:** 9,500 lumens total system output (750 W HPL Lamp)

**Color filters:** Dichroic patterned CYM and xG coatings on optical glass substrates, BBAR coated, in-band transmission >98%

**Mounting:** Suspension on Source Four yoke from mounting points; bayonet mount to fixture;

Adaptable to Source Four tungsten or HID fixtures

**Maintenance:** Easy color engine removal for cleaning; safety cable ring; 3' safety cable included



**CYM v. xG Extreme Green**  
 1931 Standard Observer Chromaticity  
 Diagram x,y 2-degree observer



*Museum*



*Theatre*



*Concert Venues*

## Versatile

The SeaChanger Color Engine is a dynamic CYMG color changer for ETC Source Four Ellipsoidals. It uses dichroic 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 swifefree 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.