QUASAR SCIENCE

Rainbow Series

Creative agility ultimate control

The Rainbow series is the vanguard in linear LED lighting for motion picture and content creation. From lighting actors to environments, Rainbows create realistic lighting with multiple individually controlled RGBX pixels that produce intense, high quality tunable white light or rich saturated RGB color. With super smooth, flicker free dimming and a sleek, compact shape to create powerful light even in small places Rainbow 2 (R2) and Double Rainbow (RR) will become the workhorses of your set.

The Double Rainbow (RR) Linear LED, with its two rows of high fidelity RGBX pixels, creates realistic lighting with vibrant saturated colors and intense white light. A sleek shape provides a powerful light source using little space.

Wireless and wired data connections mean no data boxes, receivers or transmitters. Integrated Ossium Mounting System (OMS) rigging adapts to almost everything. AC/DC inputs for continuous power whenever and wherever.

Highly accurate white light

CCT 1,750-10,000k with high color rendition (SSI up to 91, TM30 up to 94, CRI up to 95)

Ossium Mounting System

Rail, Slider and Baby Pin included for simple mounting

Remote Control Options

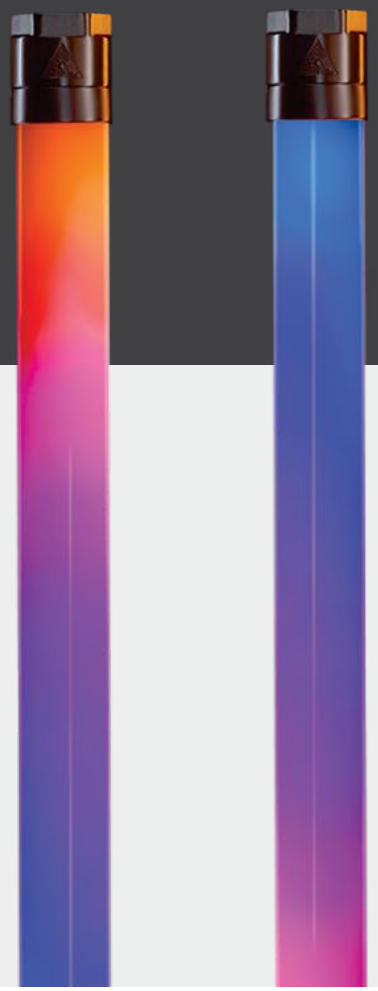
Wired: DMX, sACN, Art-Net.
Wireless: CRMX, W-DMX, Bluetooth, sACN and Art-Net

Single and Double Width Design

The Rainbow 2 features a single row of pixels for a slimmer profile while the two row design of the Double Rainbow makes for a uniquely beautiful light that packs a punch. Ready for work as a key/fill light, its shape produces flexibility like no other.

Color Control

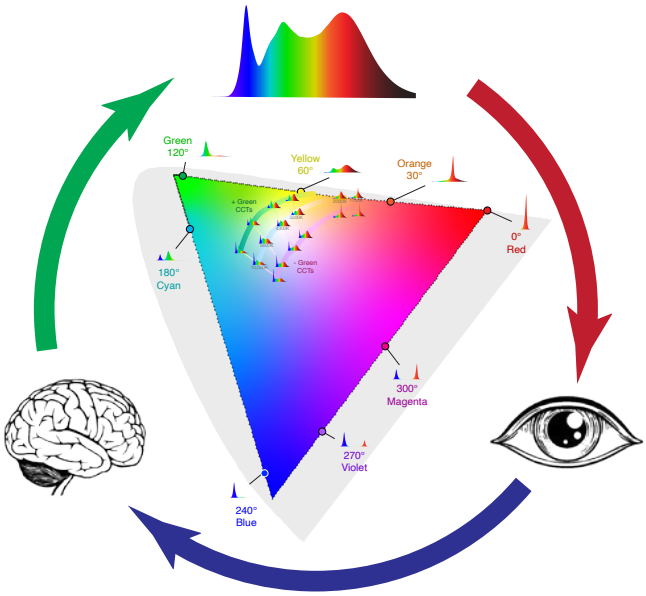
An industry-first perceptually distributed color palette created by our advanced color science research uses the Psychophysical construct of Just Noticeable Difference to deliver instinctual lighting control. In addition, Spectral Control, a new technical and creative tool, enables the output to be desaturated for color-matching third part fixtures or creative intent.



Output

Vibrant saturated colors and the most intense white light, deliver great results in any situation.

Color Science



The unique RGBX Spectral Science Color Engine (RGBX SSCE) in R2 and RR fixtures delivers a choice of more than one billion colors. RGBX SSCE provides the complete range of potential spectral fingerprints available for each color within its entire gamut of color possibilities.

To create the lighting industry's most intuitive and natural color control experience, the RGBX SSCE maps its color calculations in the perceptually uniform CIE 1976 chromaticity space. CIE 1976 empowers a groundbreaking set of psychophysically optimized algorithms for typical color control schemes:

- CCT manual control in JND increments
- Constant CCT for +/- Green
- Hue Intensity Equalization
- Even color hue angle divisions

Pixelation

With more pixels and greater control than any other tube lights, Rainbow fixtures produce more realistic animation to take your lighting effects to a whole new realm. More than just volume, spectrally-based color calibration provides each pixel with dependable vibrant color values.

Power Anywhere

Power RR and R2 lights anywhere with plug and play AC and DC capabilities. Direct AC input without power supply, or The Ossium Battery Plate making swapping batteries seamless reducing down time on set.

Control Simply

- Fingertip control of lamp color and intensity
- Quickly adjust color and temperature with presets
- Access all Rainbow series effects

Quickly adjust standard parameters from color and intensity to FX with starCTRL.

Rainbow tubes run in single-pixel mode for intuitive lamp control. Recall preset colors and color temperatures onto a fixture or group to make popular choices even faster.

FX gives you access to every Rainbow series effect: Rainbow, Short Circuit, Paparazzi, Strobe, Fire and Emergency Light.

Download on the App Store

Mounting

Ossium Mounting System (OMS) integrates seamlessly and efficiently with industry standard hardware for safer, faster rigging with greater precision and style.

	Double Rainbow		Rainbow 2		
Model	**RR50**	**RR100**	**Q25R2**	**Q50R2**	**Q100R2**
Part Number	**925-2201**	**925-2202**	**924-2201**	**924-2202**	**924-2203**
Pixels	2 Rows of 10 = 20 Total	2 Rows of 24 = 48 Total	10 pixels	24 pixels	48 pixels
Wattage	Max 50W	Max 100W	Max 25W	Max 50W	Max 100W
Weight	3.30lbs (1.5 kg)	5.73lbs (2.6kg)	1.76lbs (0.8kg)	3.30lbs (1.50kg)	5.84lbs (2.64kg)
Dimensions	22.7 x 3.34 in (577 x 84.8 mm)	46.1 x 3.34 in (1171 x 84.8 mm)	23 x 1.75 in (584.2 x 44.45 mm)	46.9 x 1.75 in (1161.7 x 44.45 mm)	90.86 x 1.75 in (2307.8 x 44.45 mm)
Power (vac)	120vac = 0.45 amp 240vac = 0.25 amp	120vac = 0.90 amp 240vac = 0.50 amp	120vac = 0.25 amp 240vac = 0.13 amp	120vac = 0.45 amp 240vac = 0.25 amp	120vac = 0.90 amp 240vac = 0.50 amp
Power (vdc)	12vdc = 4.50 amp 24vdc = 2.30 amp	12vdc = n/a 24vdc = 4.80 amp	12vdc = 2.50 amp 24vdc = 1.30 amp	12vdc = 4.50 amp 24vdc = 2.30 amp	12vdc = n/a 24vdc = 4.80 amp