



QUASAR


Full-Color Laser Searchlight



 60,000 lux @100m

 850W RGB Laser Source

 Front Lens

 0.5° Beam Angle

 Over 16.7 Million Colors

 IP66 Protection Rate

Razor-Sharp Brilliance. Extreme Color Radiance.

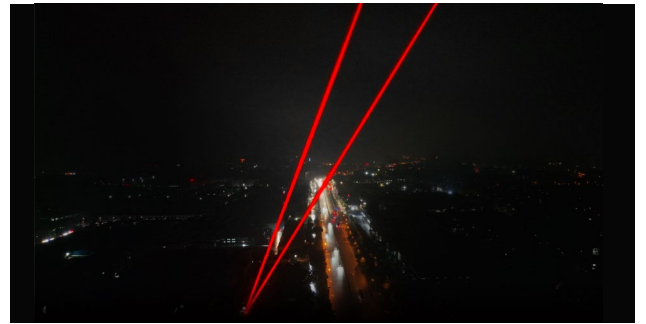
Ultra-Brightness

60,000 lux @100m, capable of punching through the brightest city skylines and dominating visual tension.



Reach Beyond

Visible from miles away, perfect for grand performance, effortlessly creating a visual focal point



Razor-sharp, perfectly solid beam

0.5° Beam Angle, 300mm front lens – precise focus, unmatched penetration



Pure, Crystal-Clear, Brilliantly Vivid Colors

Adopting RGB laser source, ultra-narrow spectral bandwidth, ultra-high color saturation



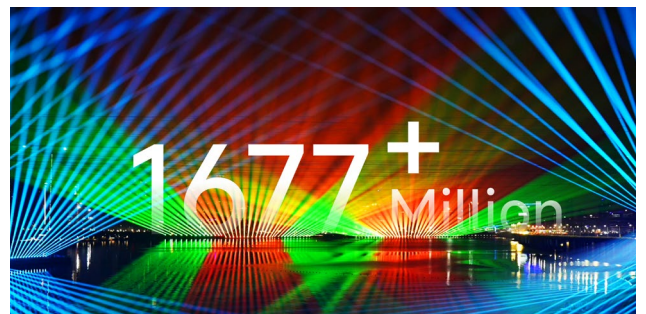
Built-in 50 LEE Colors

Cine-grade LEE gel presets – one-tap recall, zero calibration



Over 16.77 million Colors, Unleash Limitless Creativity

Superior to phosphor laser and platinum lamp, RGB color mixing delivers smooth color transition. 98% BT2020 gamut coverage, delivers true-to-life colors



Four Dynamic Prisms, Unprecedented Light Effects

Create massive multidimensional aerial beam matrixes

6-facet linear prism + 8/16/24-facet circular prism, stackable, indexing and rotating in both directions at variable speed.



6-facet linear prism



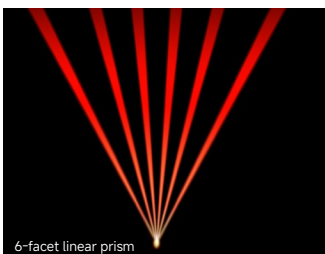
8-facet circular prism



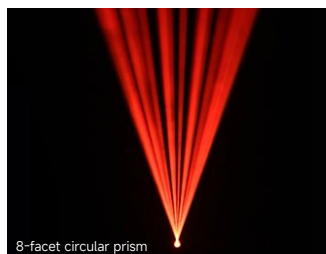
16-facet circular prism



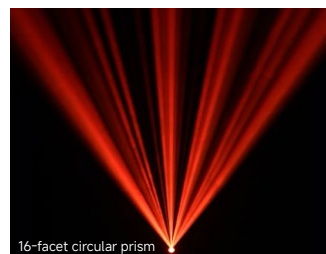
24-facet circular prism



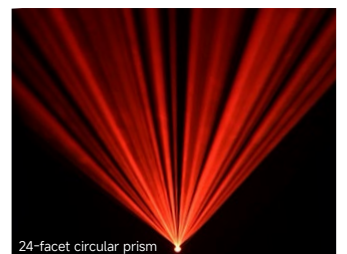
6-facet linear prism



8-facet circular prism



16-facet circular prism

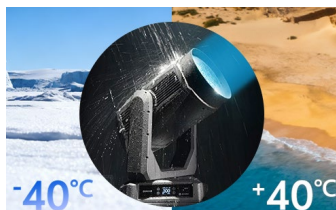


24-facet circular prism

Withstand Extreme Environments, Ensuring 24/7 stable and reliable operation.

Fearless in Any Storm Consistent Output

-40°C~40°C Operating Temperatures, Resistant to Extreme Cold, High Temperature & Humidity for 24/7 Stable Operation.



Premium Quality, Long Service Life Laser Source

Exceptional durability – lower maintenance costs, rock-solid long-term reliability



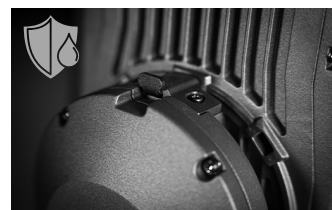
Intelligent Beam Safety Mode

Power off/no DMX protection – lens head auto-tilts down to shield internal components from direct sunlight

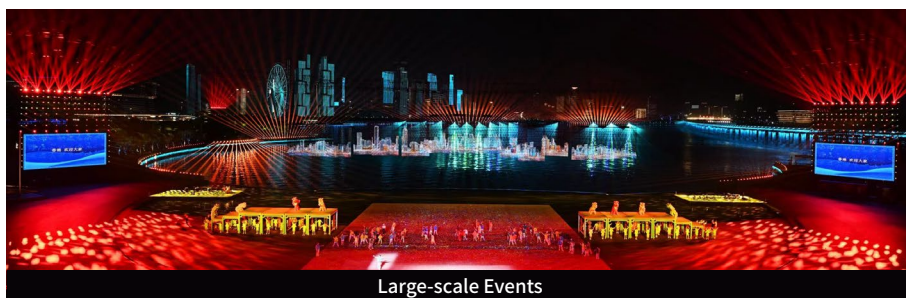


Superior Corrosion Resistance

Salt spray test certified for harsh conditions – thrives in humid/coastal environments, maximizing service life



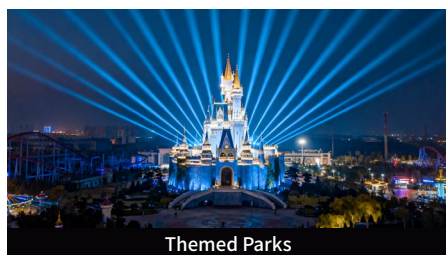
Application Scenario



Large-scale Events



City Landmarks



Themed Parks

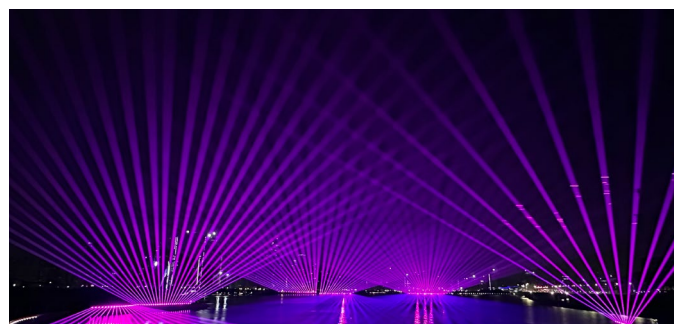
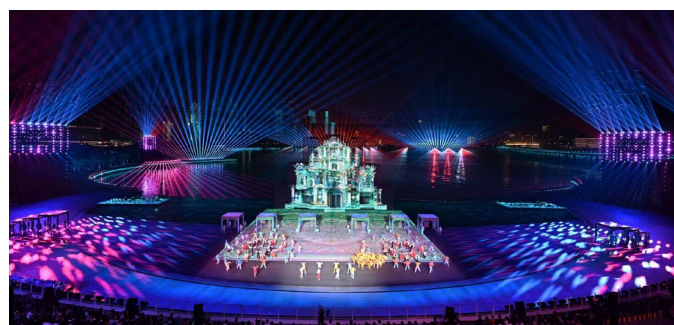
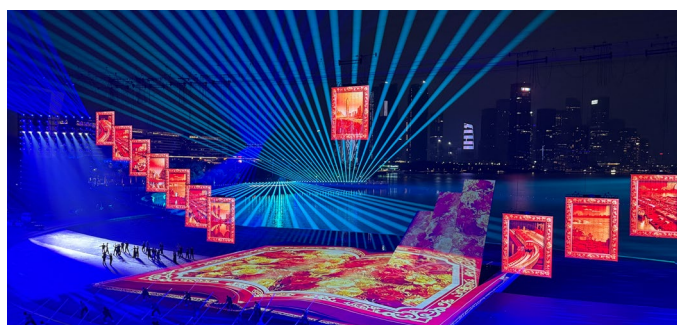


Cultural & Tourism Projects

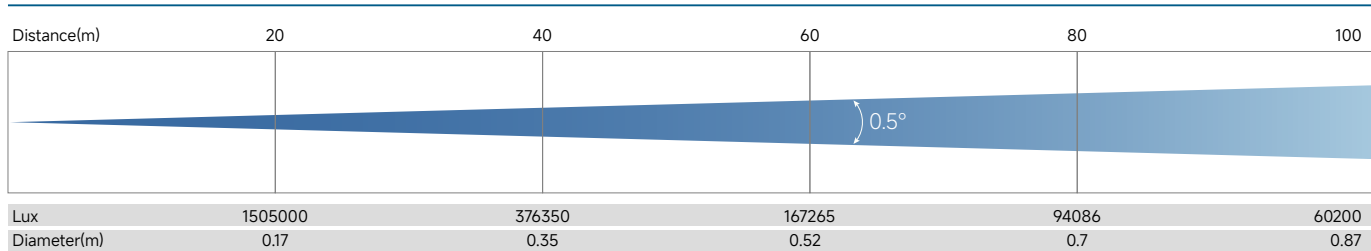


Seasonal & Festival Light Shows

Effect



Illuminance Map

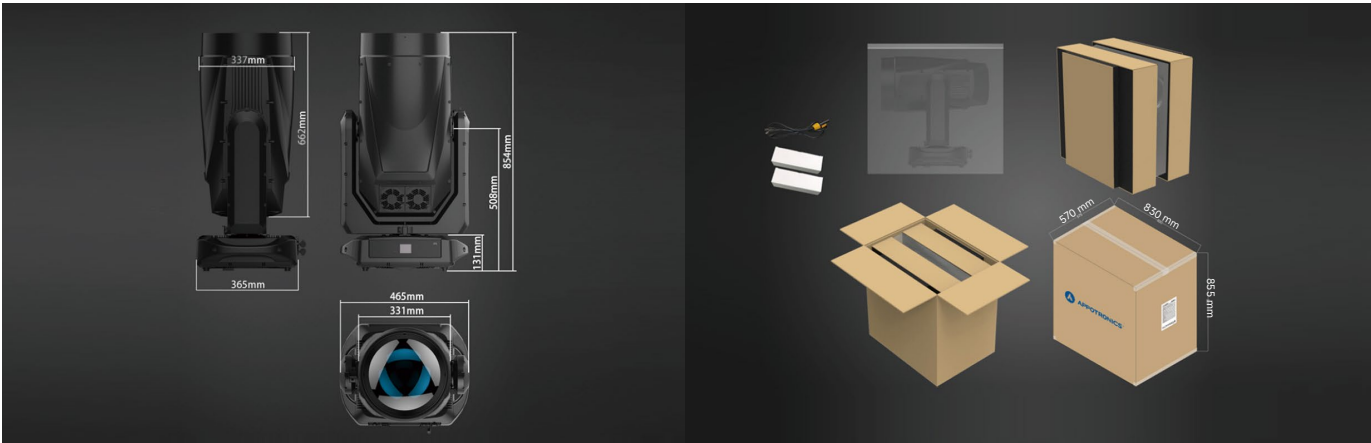


Product Parameters

Quasar Full-Color Laser Searchlight

Light Source	Light Source	850W RGB laser	Control and Programming	Buttons	4 Touch Buttons
	CCT Adjustment	3,000K-10,000K linear adjustable		Control Panel	LCD Display
	Light Source Lifespan	20,000 Hours		Control Protocols	DMX512, RDM, Art-Net, sACN
Optical System	Output lens	300 mm		DMX Channel Modes	2 modes
	Fixture output	20,000 lm		Control Channels	23
	Beam angle	0.5°		Firmware upgrade	Upgrade via DMX or USB stick
	Illuminance	60,000 lux @100 m	Thermal Specification	Maximum ambient temperature	40°C
Color System	Color Mixing System	RGB color mixing		Minimum operating temperature	-40°C
	LEE Colors	50 Preset LEE color filter		Maximum surface temperature	70°C
	Color Gamut	98% BT2020 gamut coverage		Ingress protection rating	IP66
	Colors: Over	16.77 million colors available	Electrical and Connectors	Input voltage range	180-240V- 50/60Hz
Movement	Pan	540° (16 bit)		Power consumption	1585W
	Tilt	270° (16 bit)		Power in/out	Waterproof power connector
	Calibration	Automatic Pan/Tilt position correction		Data in/out	3-pin or 5-pin waterproof XLR,RJ45 connector
	Fixing Lock Type	Pan/Tilt lock for transportation and maintenance	Mechanical Specification	Dimensions	465 mm; Depth: 365 mm; Height: 854 mm
Dynamic Effects	Prisms	6-facet linear prism + 8/16/24-facet circular prism, can be overlapped, indexing and rotating in both directions		Weight	59 kg
	Dimming	0-100% Linear Dimming	Mounting Methods	Mounting Methods	Horizontal/vertical mounting, 360° mounting
	Strobe	Up to 25Hz, Random or Pulse Stroboscope	Included Accessories	Included Accessories	Digital user manual, Power Cable, 2 xOmega brackets

Mechanical Specification



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Disclaimer:

1. All brightness/contrast values listed are based on ISO2118 standard and are the average value of all shipped products.
2. Time of lifespan listed shall not be used for warranty purposes. Actual replacement time may vary according to the operating modes, environment and other user behaviors.
3. All data listed are based on lab test values. Actual value may differ due to external environments.
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