



QUASAR


Full-Color Laser Searchlight



 60,000 lux @100m

 850W RGB Laser Source

 300 mm Front Lens

 0.5° Beam Angle

 Over 16.7 Million Colors

 IP66 Protection Rate

Razor-Sharp Brilliance. Extreme Color Radiance.

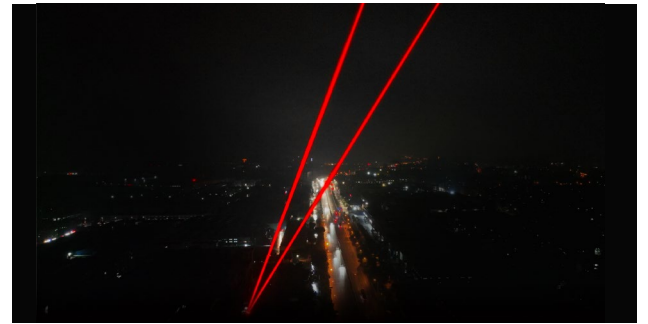
Ultra-Brightness

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.



Bold, Razor-Sharp Beam

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



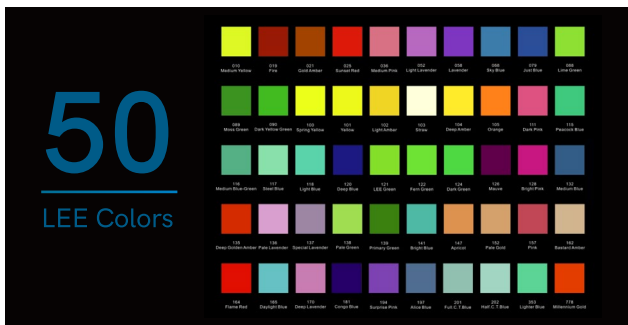
Pure, Crystal-Clear, Brilliantly Vivid Colors

Featuring RGB laser source with extremely narrow wavelength and ultra-high color saturation.



Built-in 50 LEE Colors

Each color precisely calibrated for accurate color coordinates and exceptional consistency.



Over 16.77 Million Colors, Unleash Limitless Creativity

RGB color mixing, smooth color transition. 98% BT2020 gamut coverage, delivers true-to-life colors.



Four Dynamic Prisms, Unprecedented Light Effects

Distinctive mid-air effects and multidimensional light sculptures

6-facet linear prism + 8/16/24-facet circular prisms, supporting indexing and bidirectional rotation, can be layered to craft dynamic, multi-level beam effects.



6-facet linear



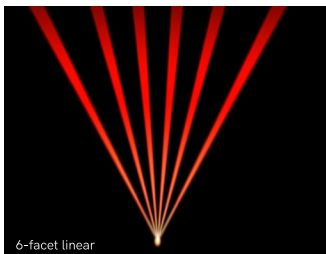
8-facet circular



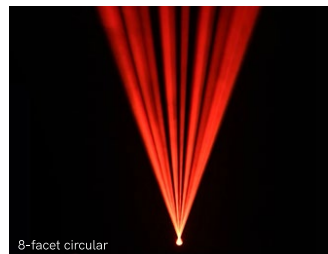
16-facet circular



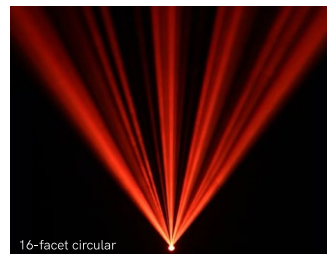
24-facet circular



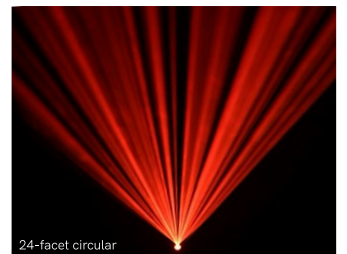
6-facet linear



8-facet circular



16-facet circular

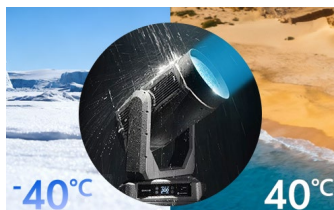


24-facet circular

Reliability Beyond the Elements

Enhanced Reliability in Harsh Environments

IP66 rated protection, -40°C~40°C operating temperatures, resistant to extreme cold and high temperature.



Premium Quality, Long Service Life Laser Source

Exceptional durability for lower maintenance costs and long-term reliability.



Intelligent Sunlight Protection Mode

Automatically tilts downward to protect internal components from direct sunlight when power is off or DMX signal is lost.

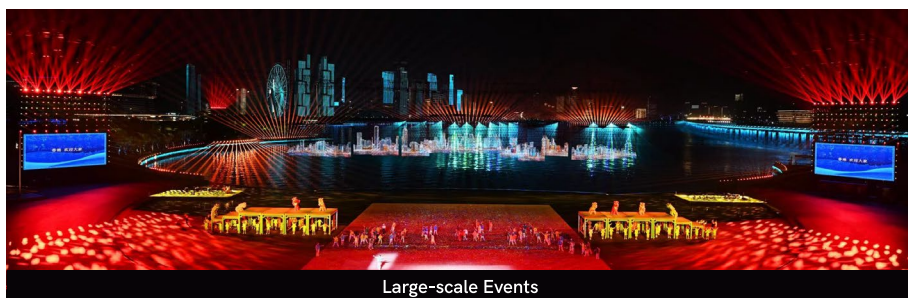


Superior Corrosion Resistance

Proven through rigorous salt mist testing, designed to withstand humid and coastal environments, extending service life.



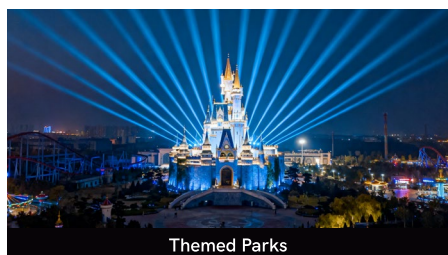
Applications



Large-scale Events



City Landmarks



Themed Parks

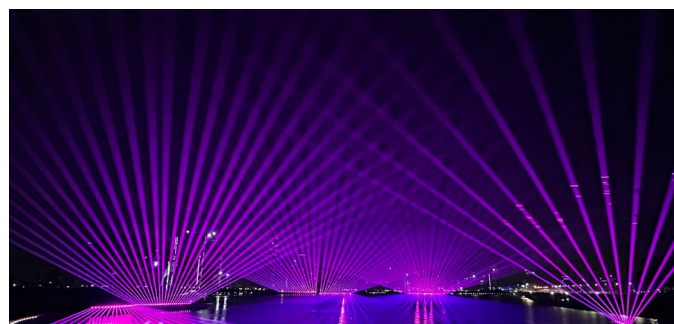
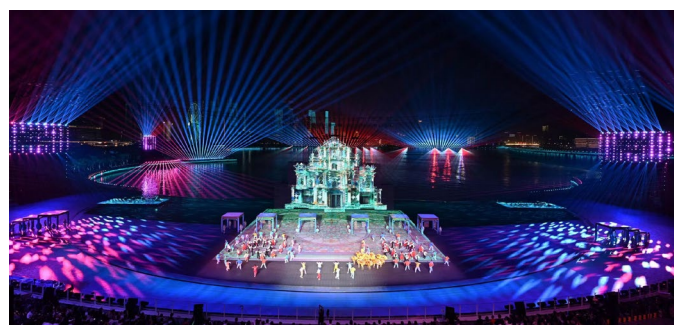
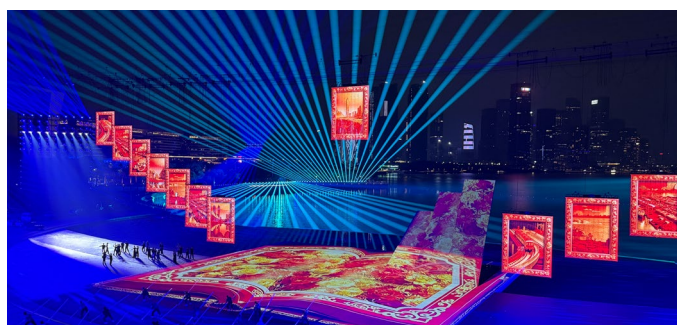


Cultural & Tourism Projects

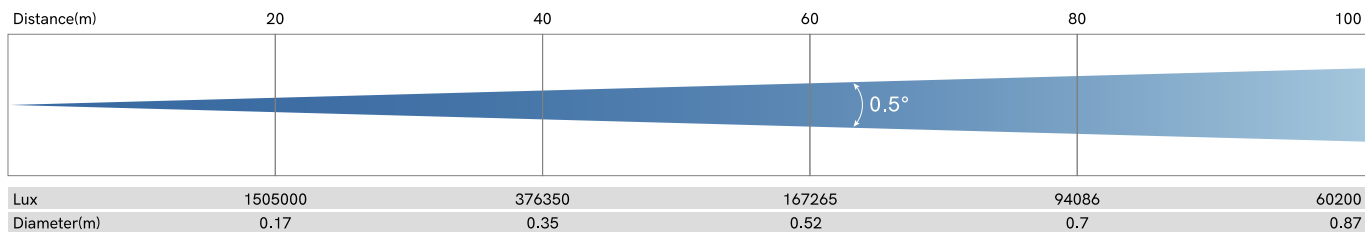


Seasonal & Festival Light Shows

Effects



Illuminance

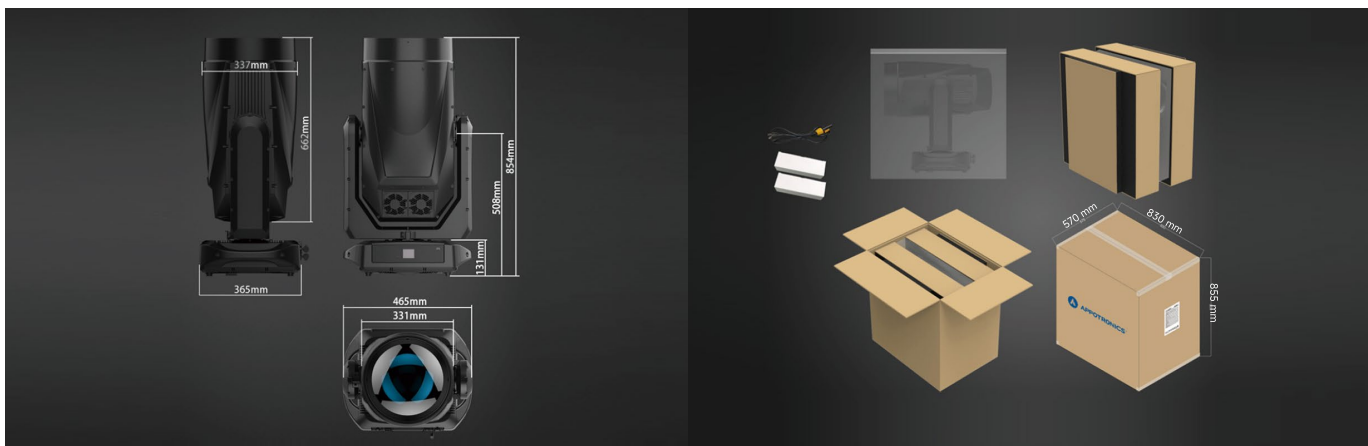


Specifications

Light Source	Light Source	850W RGB laser
	CCT Adjustment	3,000K-10,000K linear adjustable
	Light Source Lifespan	20,000 Hours
Optical System	Output lens	300 mm
	Fixture output	20,000 lm
	Beam angle	0,5°
	Illuminance	60,000 lux @ 100 m
Color System	Color Mixing System	RGB color mixing
	LEE Colors	50 Preset LEE color filter
	Color Gamut	98% BT2020 gamut coverage
	Colors: Over	16.77 million colors available
Movement	Pan	540° (16 bit)
	Tilt	270° (16 bit)
	Calibration	Automatic Pan/Tilt position correction
	Fixing Lock Type	Pan/Tilt lock for transportation and maintenance
Dynamic Effects	Prisms	6-facet linear prism + 8/16/24-facet circular prism, can be overlapped, indexing and rotating in both directions
	Dimming	0-100% Linear Dimming
	Strobe	Up to 25Hz, Random or Pulse Strobe

Control and Programming	Buttons	4 Touch Buttons
	Control Panel	LCD Display
	Control Protocols	DMX512, RDM, Art-Net, sACN
	DMX Channel Modes	2 modes
	Control Channels	23
	Firmware upgrade	Upgrade via DMX or USB stick
Thermal Specification	Maximum ambient temperature	40°C
	Minimum operating temperature	-40°C
	Maximum surface temperature	70°C
	Ingress protection rating	IP66
Electrical and Connectors	Input voltage range	180-240V- 50/60Hz
	Power consumption	1585W
	Power in/out	Waterproof power connector
	Data in/out	3-pin or 5-pin waterproof XLR,RJ45 connector
Mechanical Specification	Dimensions	Width: 465 mm; Depth: 365 mm; Height: 854 mm
	Weight	59 kg
Mounting Methods	Mounting Methods	Horizontal/vertical mounting, 360° mounting
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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