Hot ‖ High Power

FS3000

ALPHA LITE LED Fresnel Spot Light Data Sheet

Fixture Information

· FS Series uses a multi-focusing zoom lens based on ALPHA LITE's unique technology
· There is no yellowing phenomenon at the boundary of illuminated light
· FS Series is a single light source with a large capacity, such as a halogen lamp, and the texture of the light source projected by the lens is very soft
· The boundary of the shadow is formed smoothly without sharpness

· Excellent light quality, and average CRI 95~98 / R9, R12 are CRI 90 or higher
· Measured same LUX data at both 3200K / 5600K which shows stable and reliable Optical Technique
· Beam cutting is excellent by adjusting the angle of the barn-door
· FS Series is light weight compare to capacity, and designed sturdy housing

· Support RDM network communication and various mode setting possible
· Smart touch control method makes it easy and convenient to check all information at a glance
· Housing is designed for easy maintenance and repair
· Long life, reduces maintenance costs and power consumption

Optional Accessories

Manual yoke	Pole operation yoke	Power cable	DMX cable	Safety chain
4 leaf barndoor	Filter frame	Clamp	Soft box	Jemball

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UHD Quality		**KG**	CRI **95°**	TCRI **95°**			Upgrade	
Ultra HD Lighting Quality	Halogen Alternative	No Heavy Weight	High CRI True Color	High TLCI True Color	Flicker Free	Smart Touch Control	USB Firmware Upgrade	Long LED Lifetime

LED Chip Type	600W CSP LED
Estimated LED Lifetime (hours)	50,000
White Light (K)	2,900~6,000 (VCT/FCT)
Color Rendition (%)	CRI 98 / TLCI 98
Dimming (%)	0~100 (16-bit)
Lens Diameter (mm/inch)	250 / 9.8
Beam Angle (°)	15~55
Signal Control	5-Pin DMX In and Out
Individual Control	Smart Touch LCD Controller
Supported Protocol	DMX512 / RDM
(Optional) Supported Protocol	DMX512 Wireless / RDM Wireless
Remte Device Management	Supported
Channel Function	Dimming / CCT
Power Input Voltage	AC 100-240V / 50~60Hz
Power Consumption (W)	500
Ambient Temperature Operation (°C)	-20~45
Body Dimensions (mm/inch) (WHD)	328 x 404 x 464 / 12.9 x 15.9 x 18.3
Full Dimensions with Manual Yoke (mm/inch) (WHD)	432 x 605 x 464 / 17 x 23.8 x 18.3
Body Weight (kg/lbs)	12.3 / 27.1
Full Weight with Manual Yoke (kg/lbs)	13.8 / 30.4
Protection Class	IP20
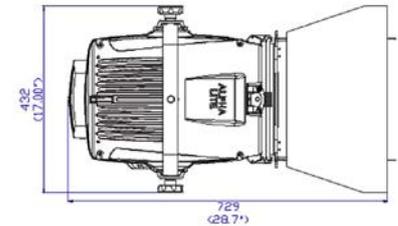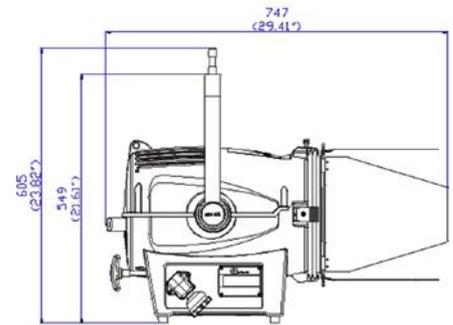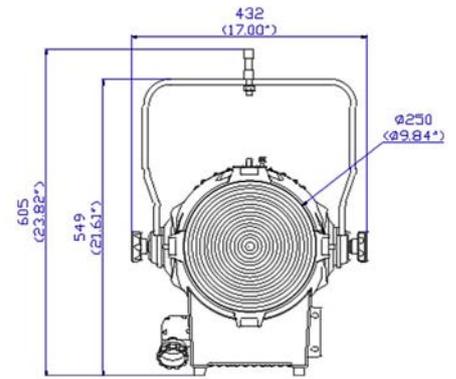
FS3000	Distance	Value	illuminance
5600K	3m (50°)	2947	Lux
	5m (50°)	1163	Lux
	7m (50°)	615	Lux
	9m (50°)	391	Lux

Source Four 15-55° / Zoom set at 50°(cosine)
ISO-Luminance Diagram
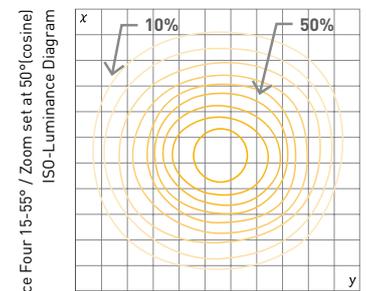
	Beam Angle	3m
Beam Diameter	Spot	1.04m
	Flood	3.02m

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