

Syncrolite® expands the SyncroMITE family with the SyncroMITE™ AFS - Automated Follow Spot model



The SyncroMITE™ AFS is a new concept in lighting design. Designed to be used in a variety of applications including concert touring, theater, festivals, live events, television or film the SyncroMITE AFS brings intelligent lighting control to the followspot world. The SyncroMITE AFS is supplied standard with dichroic color system, iris, a precise linear dimming wheel, strobe and wash effects. The SyncroMITE AFS is ideal for short and medium throw use. It features innovative custom Xenon lamp technology with 97 CRI and operates at 6500 Kelvin, producing a crisp natural white light.

FEATURES

- Unique 2000 Watt Xenon lamp producing 97 CRI
- High-resolution pan and tilt (16 bit)
- Beam sizing iris
- Precise linear Dimmer wheel to control intensity, create a full black out and provide a variable strobe effect
- Innovative XenoCOLOR™ system provides over 60 full-field vivid colors
- Highest efficiency optical design with 11" output aperture
- Standard with DMX and RDM protocol. Internal wireless control optional.
- Zoom beam adjustment range of 5° to 10°
- CTO and CTB filters tuned to Xenon spectrum for true color rendering
- Compact, light-weight and fully integrated into a single package
- On-board auto-sensing power supply, 200-250 VAC 50/60Hz @13.5 A max
- Frost flag provides an option for a soften flat-field

SPECIFICATIONS

Source:	2000 Watt Xenon	Pan:	540° Variable Speed
Life:	1500 Hours	Tilt	270° Variable Speed
Color Temperature:	6500K	Color Module:	XenoCOLOR™ System with two 10 position color wheels
CRI:	97	Iris Module:	Standard
Output	40,600 lumens	Ballast:	Auto-sense Electronic Ballast
Control:	14-channel DMX	Power Requirement:	200-250 VAC 50/60Hz @13.5 A max
On-Board Control:	Backlit LCD Touchscreen	Construction:	Powder-Coated Aluminum with ABS covers
Operation:	Opto-Isolated electronics, servo motor operation	Mounting:	Mountable on all planes
Dimmer:	Precision Linear Wheel	Weight:	166 lbs
Zoom:	5° to 10°	Reflector:	Proprietary High Performance

PHOTOMETRICS

Narrow Field of View	Throw Distance (Ft/m)	100/30	200/60	300/90	400/120	500/150
	Beam Diameter (Ft/m)	9.6/2.9	19.2/4.8	28.8/9.6	38.4/19.2	48.0/28.8
	Illuminance (fc/lux)	1,426/15,847	357/5,705	158/1,426	89/357	57/158

Wide Field of View	Throw Distance (Ft/m)	100/30	200/60	300/90	400/120	500/150
	Beam Diameter (Ft/m)	16.1/4.8	32.2/8.8	48.3/16.1	64.4/32.2	80.5/48.3
	Illuminance (fc/lux)	490/5,447	123/1,960	54/490	31/123	20/54

Beam Angle	Tn, Beam	Field Angle	Tn, Field	CBI (Candela)
3.0	0.052	5.5	0.096	14,262,000
5.1	0.089	9.2	0.161	4,902,000

Multiply throw distance by respective Tn factors to calculate beam and field diameters.
 Divide CBI (Candela) by distance squared to find center beam illuminance.
 Distance in feet gives foot candles, distance in meters gives lux.

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