

ref

date

2000W FOLLOWSPOT

Technical Data

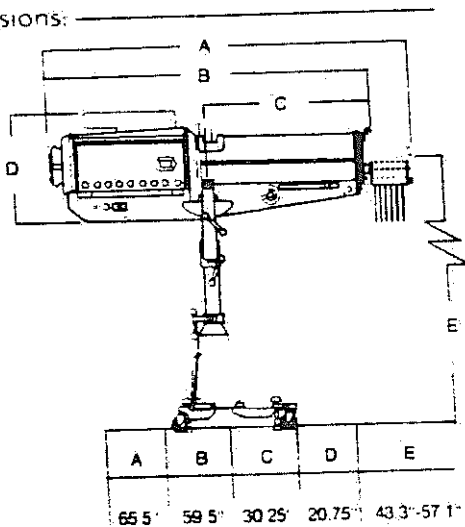
HOUSING shall be fabricated from sheet steel and cast aluminum. Finish shall be light and dark textured grey. All Color Arcs shall have a running time meter.

OPTICAL SYSTEM in the Color Arc followspots consists of ozone free horizontal short arc xenon lamps, specular Pyrex reflector, infrared rejecting heat filter, iris, shutter, mechanical dimmer (douser), zoom lens system and six color boomerang.

The Color Beam followspot consists of an axially mounted medium two pin 1000 watt lamp within specular angle flattened azak reflector with an iris, shutter, mechanical dimmer (douser), zoom lens system and integral six color boomerang.

LAMP ALIGNMENT in the Color Arc spotlights shall be accomplished by adjusting three thermally insulated handles protected by rear door of fixtures. Individual controls adjust horizontal, vertical and peak/flat fields.

Dimensions:



NOISE LEVEL shall be 45 db $\pm$ 1 db one meter (331) from the spotlight for switching regulators.

FLICKERLESS OPERATION on the xenon followspots shall be ensured by reverse polarity setting of the xenon lamp, coupled with magnet controls. Current ripple is limited to no more than 10% under full or standby current.

STAND shall be constructed of cast aluminum with dark textured grey finish, with rugged casters and lock down stabilizers.

POWER SUPPLIES for xenon spotlights are state of the art, switching regulators. Each power supply can operate at selectable voltages to allow international applications. All power supplies are two wire grounded systems.

Beam Candlepower

(Spot) 3,460,000

(Min. Spot) 3,460,000

(Flood) 316,000

Field Angle

(Spot) 6.9° (Min Spot) 1.03°

(Flood) 22.6°

Field Multiplication Factor

(Spot) 0.12 (Min. Spot) 0.018

(Flood) 0.40

Power Supply Unit

Dimensions

508mmx354mmx381mm

Weight

26.31 kg

Throw Distance		FLOOD FOCUS				SPOT FOCUS				MINIMUM SPOT			
		Diameter		Performance		Diameter		Performance		Diameter		Performance	
Ft.	M	Ft.	M.	F.C.	Lux	Ft.	M.	F.C.	Lux	Ft.	M.	F.C.	Lux
50	15.0	20.0	6.0	126.0	1404	6.0	1.8	1384	15378	0.90	0.27	1384	15378
75	22.5	30.0	9.0	56.2	624	9.0	2.7	615	6835	1.35	0.41	615	6835
100	30.0	40.0	12.0	31.6	351	12.1	3.6	346	3844	1.80	0.54	346	3844
125	37.5	50.0	15.0	20.2	225	15.1	4.5	221	2460	2.25	0.68	221	2460
150	45.0	59.9	18.0	14.0	156	18.0	5.4	154	1709	2.70	0.81	154	1709
175	52.5	69.9	21.0	10.3	115	21.1	6.3	113	1255	3.15	0.95	113	1255
200	60.0	79.0	24.0	7.9	88	24.1	7.2	87	961	3.60	1.08	87	961