

**INFORMATION**

The Joker-Bug 400 combines the characteristics of the BUG-LITE 400, a 400 Watt daylight HMI system without optics, with those of the JOKER 400, a PAR 46 fixture using a specular parabolic reflector and a set of 4 lenses. The JOKER-BUG 400 is comparable to a 1500/2000W quartz fixture but with a power draw of only 5.5 Amps.

The JOKER-BUG 400 is delivered with a Clear Glass Beaker when reaching for full intensity is important, and a Frosted Glass Beaker when light quality is the prime concern. The 400W MSR lamp was selected for its size/weight and the sizes/weights of the components needed to operate it. The MSR lamp with its GZZ 9.5 base is considerably smaller than the next traditional Wattage, the 575 (G22 base); this in turn allows for more compact and shorter fixture design. The shorter arc gap of the 400 makes up for the difference of output between 400 and 575 and the lower Wattage does not require forced air cooling of the power supply.

SPECIFICATIONS

Lamp Housing: Aluminum casting, high temperature black. Striker compartment is made of aluminum in light gray finish.

Lamp Socket: GZZ 9.5, highly insulated for hot retsrike.

Safety Glass Beaker: Borosilicate UV filter tempered.

Yoke: Aluminum casting black high temperature finish. Large T-handle and large brake area for use with Lightbanks, SpeedRings, Louvers and Lanterns.

BEAMER Housing: Solid one piece machined aluminum with replaceable ears. Black anodized. BEAMER reflector: 5" diameter specular parabolic, aluminum 90% reflectance electrolytically coated.

Accessory Size: 6 5/8"

Mounting/Grip Equipment: All standard 5/8" baby hardware.

Lamp: 400 Watt MSR/SE daylight single ended discharge, 5600 Kelvin, 700 hours maximum life.

Connectors: Veam quarter-turn quick locking.

Extension Cable: 25 foot shielded. Common to 200/400 and 800 (nine feet attached to the head).

Power Supply: Electronic, square wave flicker free. AC input: 90-132 Volt or by sliding selector switch: 180-265V. 50 or 60Hz. Dual function On/Off push button switch. Completely silent (convection cooled).



PHOTOMETRICS

dis.	lens/config.	fc.	L	W	fStop
3'	Spot	17556	0.1	0.1	
	Medium	16889	1.4	0.6	
	Wide	4933	3.3	1.0	32 2/3
	Super Wide	2089	3.3	3.3	22 1/3
	Fresnel Frost	1600	2.4	2.4	22
	SW with VPXS	356	3.9	3.9	8 2/3
6'	Spot	42889	0.3	0.3	
	Medium	4222	2.8	1.1	32 1/3
	Wide	1233	6.5	2	16 1/3
	Super Wide	522	6.7	6.7	11 1/3
	Fresnel Frost	400	4.7	4.7	11
	SW with VPXS	89	7.8	7.8	5.6
10'	Spot	15440	0.5	0.5	
	Medium	1520	4.6	1.9	22
	Wide	444	11	3.3	11
	Super Wide	188	11	11	8
	Fresnel Frost	144	7.9	7.9	5.6 1/3
	SW with VPXS	32	13	13	2.8 1/3
15'	Spot	6862	0.7	0.7	
	Medium	676	6.9	2.8	11 2/3
	Wide	197	16	4.9	8
	Super Wide	84	17	17	4 2/3
	Fresnel Frost	64	12	12	4 1/3
	SW with VPXS	14	20	20	2
20'	Spot	3860	1	1	32
	Medium	380	9.3	3.8	11
	Wide	111	22	6.6	5.6
	Super Wide	47	22	22	4
	Fresnel Frost	36	16	16	28 2/3
	SW with VPXS	8	26	26	1.4 1/3

DIMENSIONS



Note: f Stop indicated here are based on Exposure Index of 400 ASA and Exposure Time of 1/50 seconds.