



# K 5600<sup>®</sup>

## L I G H T I N G

K 5600, INC. 10434 Burbank Blvd. North Hollywood, CA 91601 • Tel: (818) 762.5756 • (800) 662-5756 • Fax: (818) 762.6629 • www.K5600.com

VERSATILE.



**ver-sa-tile** \vər-sət-ī-əl *adj* : turning with ease from one thing or position to another.

**BUG ADVANTAGE**

### JOKER-BUG 400

#### INFORMATION:

**JOKER-BUG 400** 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. In the Bug-Lite mode (no optics) the main application is in traditional Lightbanks as well as Lanterns where it uses the sides as a large reflector, collecting the maximum output of the lamp and filling the front screen very evenly. It is very powerful in daylight interiors and can operate in any position including pointing straight down. The BEAMER optical accessory turns the BUG-LITE into a JOKER-BUG, a directional PAR unit offering various beam patterns through quick lens changes.

The JOKER-BUG 400 offers the most flexible optical configuration for location lighting by achieving Spot to Flood ratios of 80 to 1 with beam angles from as narrow as 5 degrees to as wide as 55 degrees. 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. The small, quiet ballast can be hidden anywhere and plugs in any circuit without risk of overloading. With the Slimverter 400 and two 30 volt batteries, the JOKER-BUG 400 is the largest 30 volt battery powered HMI. Motion Picture Gaffers and Freelance Cameramen have adopted the JOKER-BUG 400 for fine daylight interiors, car shots, two camera interviews, TV magazines, documentaries and industrials.

#### Products That Define The Word:



JB400 Kit



Size: 11.5" x 16.5" x 17"



JB400 in Lightbank



JB400 in Lantern



DC Operations

#### LENSES



Spot:  
4° (no lens)



Medium:  
20° x 10°



Wide Flood:  
50° x 18°



Super Wide:  
56°



Frosted Fresnel:  
40°



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**BUG ADVANTAGE**

### JOKER-BUG 400

#### 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).



Products That Define The Word:



JB400 with Clear and Frosted Beaker



JB400 with Softube

#### LENSES



Spot:  
4° (no lens)



Medium:  
20° x 10°



Wide Flood:  
50° x 18°



Super Wide:  
56°



Frosted Fresnel:  
40°

#### 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      |
| 6'   | SW with VPXS  | 356   | 3.9 | 3.9 | 8 2/3   |
|      | 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  |
| 10'  | Fresnel Frost | 400   | 4.7 | 4.7 | 11      |
|      | SW with VPXS  | 89    | 7.8 | 7.8 | 5.6     |
|      | Spot          | 15440 | 0.5 | 0.5 |         |
|      | Medium        | 1520  | 4.6 | 1.9 | 22      |
|      | Wide          | 444   | 11  | 3.3 | 11      |
| 15'  | 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 |
|      | Spot          | 6862  | 0.7 | 0.7 |         |
|      | Medium        | 676   | 6.9 | 2.8 | 11 2/3  |
| 20'  | 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       |
|      | Spot          | 3860  | 1   | 1   | 32      |
| 20'  | 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 |