

# STROBE-BRIK™

## BRIK-20J Series Xenon Strobe

20 Joule Xenon strobe with internal or external triggering

### Xenon Power!

The BRIK-20J xenon strobe provides for very bright and easily configurable flashing effects. Seven pre-programmed flash rates or  $\pm 1.3\sim 30\text{VDC}$  remote triggering makes them perfect for an endless variety of applications. The robust package is IP-65 rated for theme park, theatrical, and exterior use.

### Applications

- Museums
- Carnivals
- Theater
- Casinos
- Concerts
- Haunted Houses
- Horror Scenes
- Night Clubs
- Signage Displays
- Wet locations



BRIK-20J-120-IT



BRIK-20J-120-ET

### Features

- UL labeled upon request at additional charge
- Exterior-rated IP-65 housing
- Internal or external triggering
- 20 Joule flash energy
- 6' line cord with 3-prong ground plug
- Integrate with any number of related effects
- Durable aluminum enclosure with polycarbonate lens
- 1/4 - 20 tap at base of strobe for external mounting hardware

### Operation

#### **Internal Trigger:**

##### **Brik-20J-120-IT**

- 120VAC 60Hz
- No exterior triggering
- Selectable flash rates of 6-120 flashes per minute

#### **External Trigger:**

##### **Brik-20J-120-ET**

- 120VAC 60Hz
- Selectable flash rates of 6-120 flashes per minute
- Manually pulse external trigger cable with  $\pm 1.3\sim 30\text{VDC}$  to make device flash (up to 180 FPM)
- Internal trigger mode will activate when external trigger is held high
- The absolute value of external trigger voltage should be lower than 1.3V to be considered OFF

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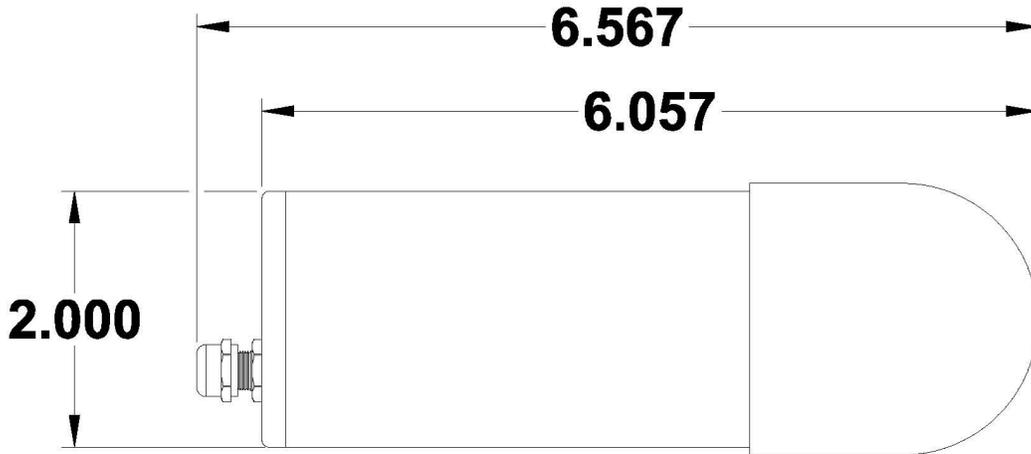
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### Specifications

- 120VAC /60Hz input power
- Size: 2" (51mm) diameter, 6.57" (167mm) length, 10oz weight
- Life rating: 5,000,000 flashes
- Power draw: 1.5A RMS @120VAC
- Maximum working temperature: 80°C Ambient at 2Hz
- Light intensity: 34.0 foot candle @ 5m, 0 ~ +/-90°
- Color temperature: 4,290°K
- Note: Strobe generates heat. The unit must be allowed to dissipate heat safely to the surrounding environment.

### Dimensions



dimensions in inches

### Available Models

Model Number	Input Power	Flash Energy	Max Flash Rate	External Trigger
BRIK-20J-120-IT	120VAC 60Hz	20J / flash	2 flashes / second	No
BRIK-20J-120-ET	120VAC 60Hz	20J / flash	2 flashes / second	Yes

### Selectable Flash Rates

Flashes / minute	120	60	30	15	10	7.5	6
Hertz	2	1	1/2	1/4	1/6	1/8	1/10

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### Thermal Protection

The Brik-20J strobe has integrated thermal protection hardware to safeguard the unit from internal over-temperature conditions. The unit will automatically adjust flash intensity in over temperature situations such as continuous 2 Hz operation, allowing the unit to flash indefinitely.

The unit will lower flash intensity in increments of 10% based on the internal measured temperatures. As the unit dissipates the heat, the intensity will increase back. Mounting with a metal clamp or holder will increase the rate of heat dissipation.

### Quick Start

Internal trigger unit

1. Plug the 120VAC 60Hz unit into a 120VAC 60Hz source. **Damage will occur if the unit is plugged into the incorrect source voltage.**
2. Unit will flash at the rate to which it was last set.
3. Adjust the flash rate by pushing the rate button at the base of the fixture. The rate will increment to the desired setting. See Selectable Flash Rates table.
4. Once set to the desired rate, you may remove and apply power to the unit as needed without affecting the rate setting.

External trigger unit

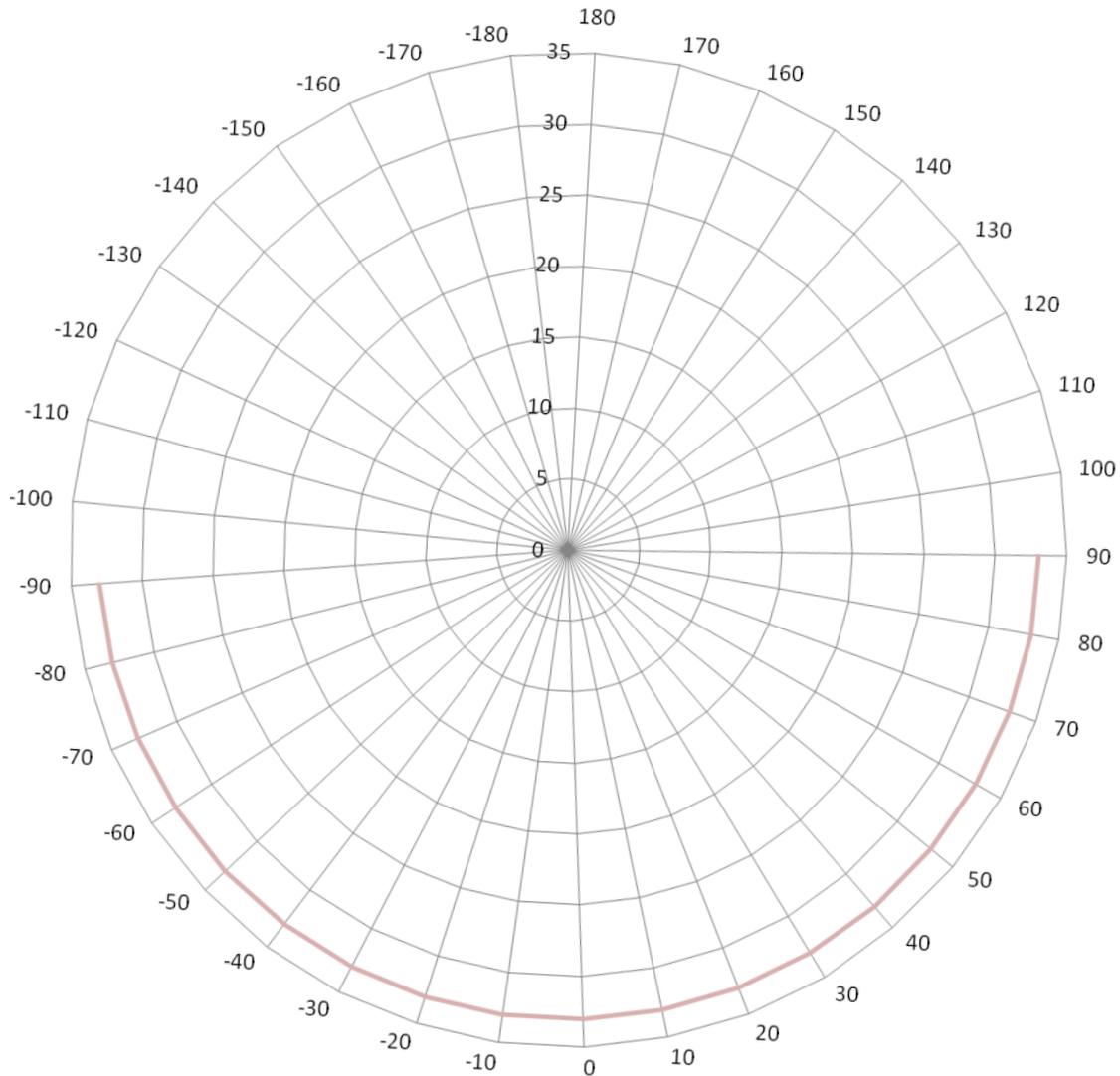
1. Plug the 120VAC 60Hz unit into a 120VAC 60Hz source. **Damage will occur if the unit is plugged into the incorrect source voltage.**
2. The unit will flash when +/- 1.3~30VDC is applied across the external trigger, and will continue to flash after being held high for 3 seconds.
3. When the trigger voltage is applied, the unit will flash at the rate to which it was last set.
4. While the trigger voltage is applied, adjust the flash rate by pushing the rate button at the base of the fixture. The rate will increment to the desired setting. The flash rate will be stored even if the unit is removed from the power source. See Selectable Flash Rates table.
5. The unit will flash each time the trigger voltage is re-applied, allowing for custom flash rates and events.

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### Light Intensity

A plot of axial light intensity in foot-candles is shown here.



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### **2016 Pricing**

The Brik-20J is available with UL labeling available upon request. Labeled and non-labeled units are otherwise identical.

For quantity orders above 80 requiring UL labeling, please call.

<b>Model Number</b>	<b>Standard unit</b>	<b>UL Labeled Unit</b>
BRIK-20J-120-IT	\$325.00	\$355.00
BRIK-20J-120-ET	\$325.00	\$355.00