

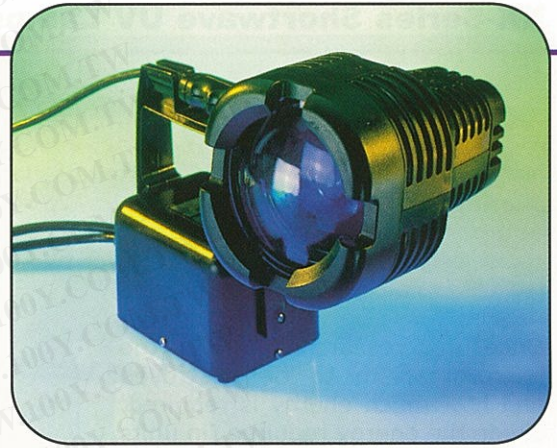
## B-100AP and B-100AP/R UV Lamps

Blak-Ray® B-100 series high intensity lamps supply brilliant UV irradiance for optimum fluorescence. All "P" series lamps come with the special heat resistant plastic Cool-Touch™ housing that allows users to handle the lamp head regardless of how long the lamp has been operating.

The B-100AP provides 100 watts of high intensity longwave (365nm) illumination.

- 100 watt longwave bulb and ballast base
- At 18 in. (457 mm), the lamp produces a highly intense center of UV irradiance approximately 5 in. (127 mm) in diameter
- Lamp head rotates 360° when attached to the base for hands-free operation
- The grip handle fits into the transformer base for hands-free lamp operation
- The B-100AP/R has the same features as the B-100AP but includes 20 ft (6.1 m) primary and secondary cords for added mobility
- Two cord holders on the B-100AP/R, extending 2.93 in. (74 mm) on two sides of the ballast, keep loose cord under control

- Optional equipment: 1) funnel directs the UV sources to a specific location; 2) visor shields the user from blue haze emitted from the lamp; 3) finger guard blocks fingers from touching the bulb 4) place small samples in the exposure box



**B-100AP** Uses include science, non-destructive testing and fluorescence inspection.

### Accessories

From left to right:  
Finger guard, visor,  
funnel. Below left:  
Exposure Box.



Dimensions: B-100AP and AP/R Lamp Head 9.75L x 6 Dia in. (248 x 152mm) Weight: 12.5 lb. (5.6kg)

### Ordering Information

<b>B-100AP</b> 100-watt 365nm longwave Intensity 2 in./10 in. (?W/cm <sup>2</sup> )	95-0127-01 (115V) 95-0127-02 (230V) 21,700/8,900
<b>B-100AP/R</b> 100-watt, 365nm longwave Intensity 2 in./10 in. (?W/cm <sup>2</sup> )	95-0127-06 (115V) 95-0127-07 (230V) 21,700/8,900
Bulb, Spot Bulb (lamps prior to June 2002)	34-0054-01 (34-0011-01)
Finger Guard	89-0068-01
Lamp Funnel	19-0126-01
Lamp Visor	19-0125-01
Exposure Box	76-0055-01

## B-100SP Lamp

This 160-watt longwave, self-ballasted lamp is UVP's most portable high-powered lamp.

- The ballast is built directly into the bulb
- The lamp cord length is 8 ft. (2.44 m)
- On/off switch is positioned on the handle for easy accessibility
- Perfect for automotive leak detection

**B-100SP** Self ballasted bulb included with the B-100SP has an average life of 450 to 2000 hours.



### Ordering Information

<b>B-100SP</b> 160-watt (365nm) longwave (not CE) Intensity at 2/10 in. (?W/cm <sup>2</sup> )	95-0128-01 (115V) 11,600/5,000
Bulb Protector	17-0057-01
Bulb, Self Ballasted	34-0049-01
Lamp Funnel	19-0126-01
Lamp Visor	19-0125-01

Dimensions:  
Lamp Head 9.75L x 6Dia. in. (248 x 152mm)  
Weight: 3.14 lb. (1.43kg)

勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-54151736  
勝特力电子(深圳) 86-755-83298787  
Http://www.100y.com.tw

## B-100A and B-100A/R Lamps

The B-100A High Intensity Lamp, features 100 watts of 365nm longwave UV which is excellent for many applications including inspection purposes.

- Manufactured with a scratch-resistant, powder painted aluminum lamp head
- Lamp head is connected to the transformer base by an 8 ft. (2.44 m) cord
- The handle fits into the transformer base allowing the lamp head to rotate a full 360 degrees



**B-100A/R** includes 20 ft. (6.1 m) primary and secondary cords for additional mobility.

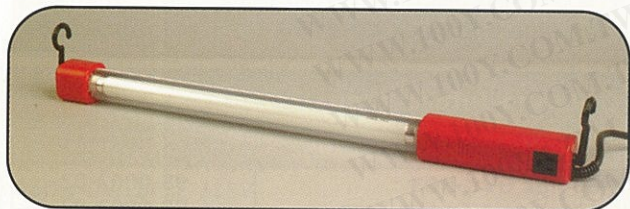
- The B-100A/R has the same features as the B-100A plus 20 ft. (6.1 m) primary and secondary cords for additional mobility
- Two cord holders (on two sides of the ballast) keep slack cord under control

## B-100Y and B-100YP Lamps

These lamps provide high-contrast light for the semiconductor fabrication industry and fine surface particle detection.

- A yellow filter blocks wavelengths shorter than 500nm and produces three strong mercury lines at 543, 574 and 576nm
- Lamp intensity is so brilliant, particles down to only 10 microns are routinely visible
- The lamp handle fits into the transformer base allowing the lamp head to rotate 360 degrees
- B-100Y has scratch-resistant, powder painted aluminum housing, while the B-100YP has a Cool-Touch design.

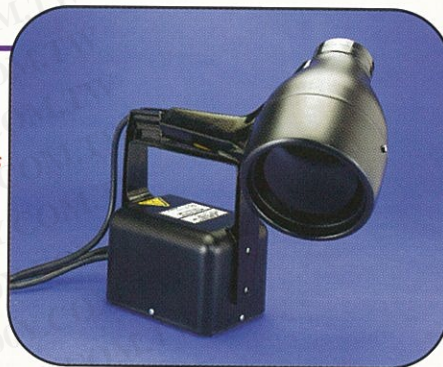
## BL-15 UV Inspection Lamp



**BL-15** has a narrow, durable plastic housing.

Dimensions: 20L x 2Dia in. (508 x 50.8mm) Weight: 2.5 lb (1.1kg); Cord length: 15 ft.

**B-100A** The pistol-grip handle balances the lamp comfortably in the hand.



Dimensions:

B-100A, B-100A/R: Lamp Head 8.5L x 5.5Dia. in. (216 x 140mm) Weight: 11.72lb (5.33kg)

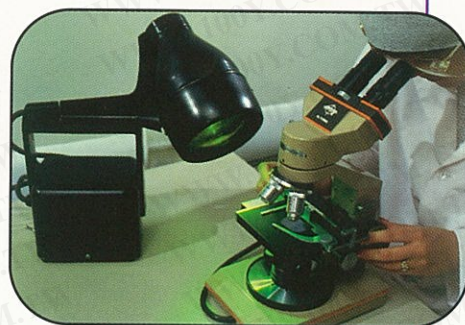
### Ordering Information

<b>B-100A</b> 100-watt, 365nm	95-0044-22 (115V) 95-0044-02 (230V)
Intensity at 2/10 in. (?W/cm <sup>2</sup> )	21,700/8,900
<b>B-100A/R</b> 100-watt, 365nm	95-0044-03 (115V) 95-0044-04 (230V)
Intensity at 2/10 in. (?W/cm <sup>2</sup> )	21,700/8,900
<b>B-100Y</b> 100-watt	95-0044-24 (115V) 95-0044-18 (230V)
<b>B-100YP</b> 100-watt	95-0127-03 (115V) 95-0127-04 (230V)
Bulb, Spot	34-0054-01
Bulb (lamps prior to June 2002)	(34-0011-01)
Lamp Guard	19-0158-01
Lamp Visor (B-100Y, B-100A)	19-0124-01
Filter (B-100Y, B-100YP)	38-0009-02

**B-100YP** produces high contrast light for fine surface particle detection.

Dimensions:

B-100YP: Lamp Head 9.75D x 6Dia in. (248 x 152mm) Weight: 12.48 lb. (5.67 kg)



The BL-15 longwave 365nm BLB UV lamp is ideal for inspection applications in hard to reach places.

- The lamp has a long, narrow housing that is lightweight for easy handheld use
- Two adjustable hooks are included

### Ordering Information

<b>BL-15</b> (not CE)	95-0130-01 (115V)
Replacement Tube, 15-watt	34-0017-01