

## B-100 Series UV Lamp



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

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

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

### 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
- An 8 ft. (2.44 m) cord and bulb-protector are standard
- On/off switch is positioned on the handle for easy accessibility
- Perfect for automotive leak detection

#### Ordering Information

<b>B-100SP</b> 160-watt (365nm) longwave (not CE) Intensity at 2/10 in. ( $\mu\text{W}/\text{cm}^2$ )	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

The 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 and allow users to handle the lamp head regardless of how long the lamp has been operating.

#### Accessories

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



The funnel directs the UV source to a specific location. The visor shields the user from the blue haze emitted from the lamp.



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

**Certifications:** All 115V models US/C Entela certified and 230V CE certified except where noted.

#### Ordering Information

<b>B-100AP</b> 100-watt 365nm longwave Intensity 2 in./10 in. ( $\mu\text{W}/\text{cm}^2$ )	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. ( $\mu\text{W}/\text{cm}^2$ )	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**  
Self ballasted bulb included with the B-100SP has an average life of 450 to 2000 hours.



Dimensions:  
Lamp Head 9.75L x 6Dia. in. (248 x 152mm)