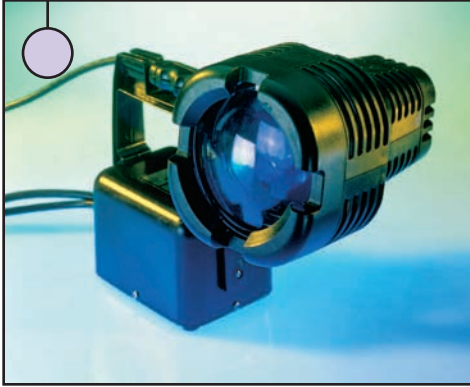


B-100 Series UV Lamp



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-100SP 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-100AP 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-100AP/R 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)
Weight: 3.14 lb. (1.43kg)

hi-Tech lamps

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

The B-100A Lamp, features 100 watts of high powered 365nm longwave UV which is excellent for 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's intensity is so brilliant, particles down to only 10 microns are routinely visible
- 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.

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

BL-15 UV Inspection Lamp



BL-15 with a narrow, durable plastic housing

Dimensions:
20L x 2Dia in. (508 x 50.8mm) Weight: 2.5 lb (1.1kg)

Upland, CA | (800) 452-6788 | (909) 946-3197 | Cambridge, UK | +44(0)1223-420022 | www.uvp.com

B-100A
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-100A 100-watt (not CE) 365nm Intensity at 2/10 in. ($\mu\text{W}/\text{cm}^2$) | 95-0044-22 (115V) 95-0044-02 (230V) 21,700/8,900 |
| B-100A/R 100-watt (not CE) 365nm Intensity at 2/10 in. ($\mu\text{W}/\text{cm}^2$) | 95-0044-03 (115V) 95-0044-04 (230V) 21,700/8,900 |
| B-100Y 100-watt (not CE) | 95-0044-24 (115V) 95-0044-18 (230V) |
| B-100YP 100-watt | 95-0127-03 (115V) 95-0127-04 (230V) |
| Bulb, Spot Bulb (lamps prior to June 2002) | 34-0054-01 (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's long, narrow housing is lightweight for easy handheld use
- Two adjustable hooks are included

Ordering Information

| | |
|---|---------------------------------|
| BL-15 (not CE) Replacement Tube | 95-0130-01 (115V) 34-0017-01 |
|---|---------------------------------|

Hi-Tech Lamps

800-229-6509
info@hi-techlamps.com