

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

- 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
- 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; cord holders (on two sides of the ballast) keep slack cord under control

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



B-100A, B-100A/R Lamp Dimensions:
Lamp Head 8.5L x 5.5Dia. in. (216 x 140 mm), 11.72 lbs.



B-100Y Dims: Lamp head 8.5L x 5.5Dia. in. (216 x 140mm), 13 lbs
B-100YP Dims: Lamp Head 9.75D x 6Dia in. (248 x 152mm), 13 lbs

B-100Y and B-100YP Lamps

The B-100Y and B-100YP lamps provide high-contrast light for the semiconductor fabrication industry and fine surface particle detection.

- A yellow filter blocks wavelengths shorter than 500 nm and produces three strong mercury lines at 543, 574 and 576 nm
- Lamp intensity is so brilliant, particles down to 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

Order Number	Description
115 V	230 V
	B-100 A, B-100 A/R, B-100Y, B-100YP Lamps and Accessories
95-0044-22	95-0044-02 B-100A, 100-watt, 365 nm longwave, Intensity 2 in./10 in. ($\mu\text{W}/\text{cm}^2$): 20,000 / 5,000
95-0044-03	95-0044-04 B-100A, 100-watt, 365 nm longwave, Intensity 2 in./10 in. ($\mu\text{W}/\text{cm}^2$): 20,000 / 5,000
95-0044-24	95-0044-18 B-100Y, 100-watt
95-0127-03	95-0127-04 B-100YP, 100-watt
	34-0054-01 Bulb, Spot (B-100AP/R & B-100AP)
	19-0124-01 Lamp Visor (B-100Y, B-100A)
	38-0168-02 Filter/Bezel (B-100YP)
	38-0168-03 Filter/Bezel (B-100A, B-100A/R)
	38-0168-04 Filter/Bezel (B-100Y)