

High Intensity Discharge (HID) NDT Inspection Lamps

Cool-Running, Powerful and Portable

SB-100P Series

Designed for Maximum Efficiency and Versatility

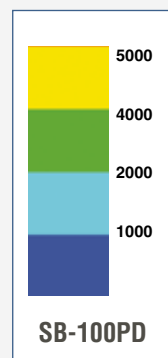
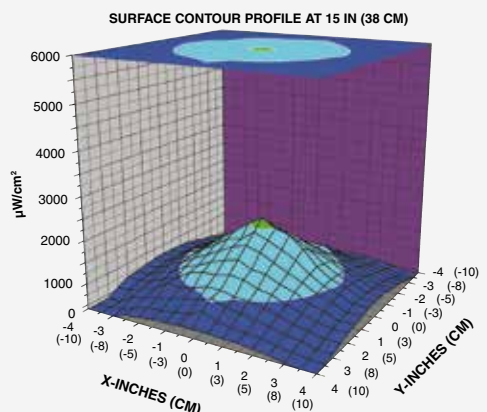
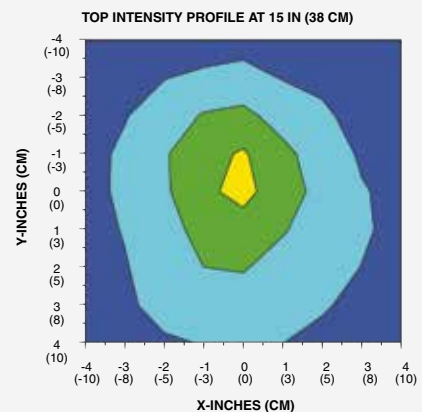
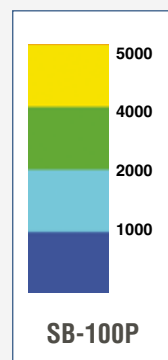
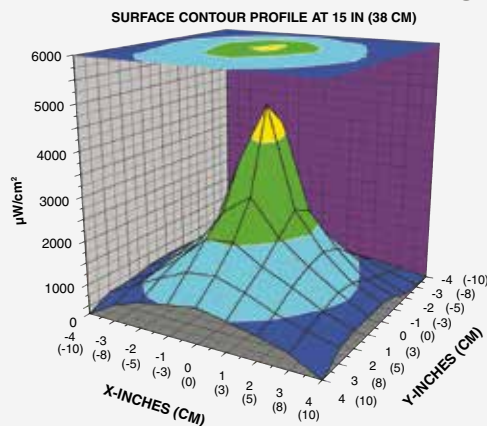
- Powerful, transformer-based, 100 watt spot bulb
- Combines state-of-the-art innovations with proven features. The cord comes out of the staycool, contoured handle to prevent tangling, and the crack-resistant, tempered filter reduces replacement costs significantly.
- Lamp head and transformer base housings are constructed of a special heat-resistant engineering polymer that ensures years of rugged use
- Lamp head is ergonomically designed and detaches easily from the transformer base for comfortable, fatigue-free handling
- Meets ASTM UV-A intensity and wavelength specifications for LPT and MPT
- Transformer provides maximum power to the unit and features an indicator light to show when the lamp is on
- Available in concentrated spot **SB-100P** and diffused **SB-100PD** versions. Spot configuration has a nominal steady-state UV-A intensity of **4,800 $\mu\text{W}/\text{cm}^2$** at 15 inches (38 cm). Diffused configuration has a nominal steady-state UV-A intensity of **2,200 $\mu\text{W}/\text{cm}^2$** at 15 inches (38 cm).
- Bulbs feature average rated life of 5,000 hours
- Come complete with UV-absorbing spectacles



Both models come with a special heat-resistant, 3-wire secondary cord. The primary and secondary cords are both 8 feet (2.4 m) long. Lamps are also available with extended length primary or secondary cords, or with a 35 foot (10.7 m) secondary cord housed in a retractable "flying" reel.

Also available: 100S/M-PQL upgraded, Premium Quality Lighting (PQL), 100-watt, medium base, HID replacement spot bulb, for SB-100P Series lamps. Average rated bulb life is 12,000 hours. With upgraded bulb, lamp has a nominal steady-state UV-A intensity of 7,500 $\mu\text{W}/\text{cm}^2$ at 15 inches (38 cm).

UV-A BEAM PROFILES



FC-Series

World's Lightest, Fan-Cooled, Portable Lamps

- Quiet, *built-in* fan dramatically reduces running temperature, provides more comfort and safety for users, and ensures long bulb life.
- Ergonomically designed with the handle and cord at the balance point of the lamp head. As a result, the lamp can be held for long periods with little user fatigue.
- Special remote lamp switch in the pistol grip prevents accidental shutoff, while separate fan control switch allows for safe cool-down.
- Lamp head is housed in a super-strong engineering polymer that is dent-proof and impact-resistant. Weighs just 3 ⁵/₈ lbs (1.6 kg).
- Meets ASTM UV-A intensity and wavelength specifications for LPT and MPT
- Bulb features average rated life of 5,000 hours
- Come complete with UV-absorbing spectacles



The FC-series consists of two models:

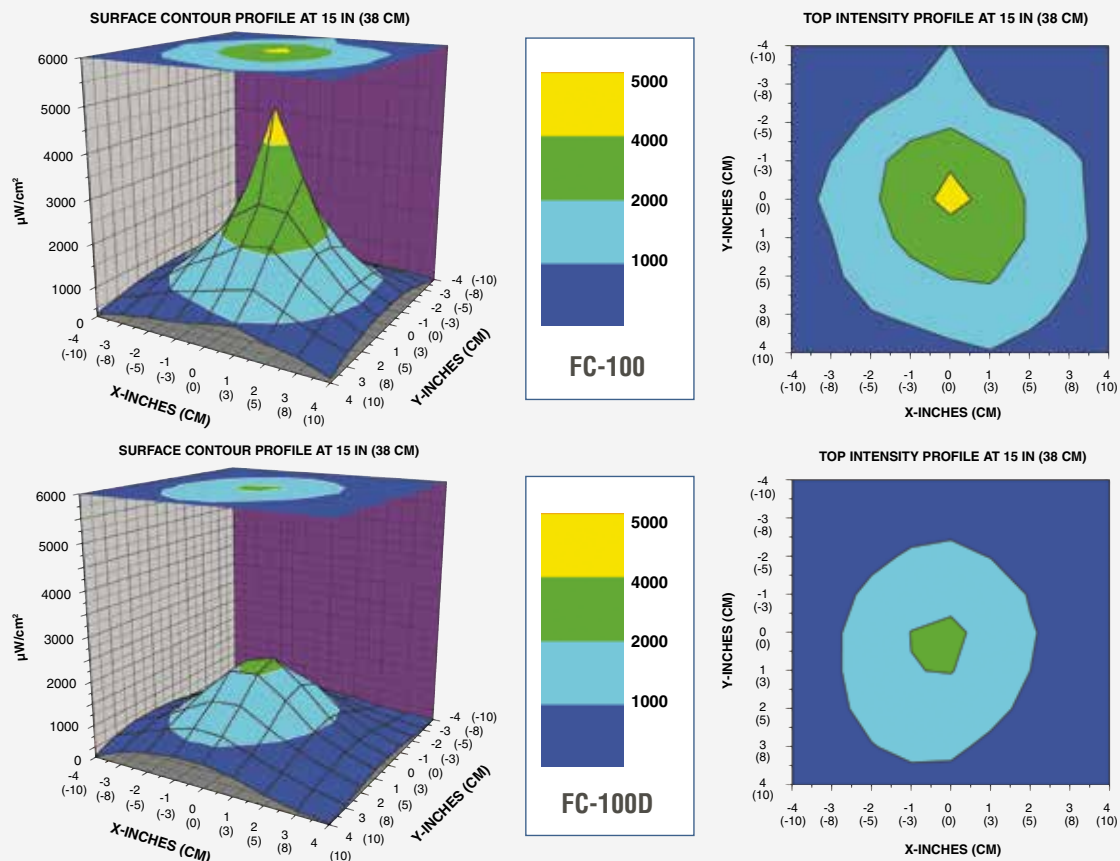
- » The **FC-100** comes with a 100-watt bulb, available in concentrated spot (FC-100) and diffused filter (FC-100D) versions. Spot configuration has a nominal steady-state UV-A intensity of **4,800 $\mu\text{W}/\text{cm}^2$** at 15 inches (38 cm). Diffused configuration has a nominal steady-state UV-A intensity of **2,200 $\mu\text{W}/\text{cm}^2$** at 15 inches (38 cm). Both lamps come with 8 foot (2.4 m) primary and secondary cords. Lamp head weighs just 3 ⁵/₈ lbs (1.6 kg).
- » The **FC-100M** has the same specifications as the FC-100 model, but is a direct replacement lamp for use with Magnaflux[®] magnetic particle machines.

Lamps also available with extended length primary and secondary power cords.

Also available: 100S/M-PQL upgraded, Premium Quality Lighting (PQL), 100-watt, medium base, HID replacement spot bulb, for FC-100 Series lamps. Average rated bulb life is 12,000 hours. With upgraded bulb, lamp has a nominal steady-state UV-A intensity of **7,500 $\mu\text{W}/\text{cm}^2$** at 15 inches (38 cm).

Magnaflux[®] is a registered trademark of Magnaflux Corporation

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SPECTRONICS
CORPORATION

www.spectroline.com

956 Brush Hollow Rd, Westbury, NY 11590 USA
800-274-8888 • 516-333-4840

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