



UNIFORD R.M. Kft.

1161 Budapest, Szent Imre u. 42. Tel.: 36-1-402-0162, Fax: 36-1-405-5606

E-mail: uniford@t-online.hu

Web: www.uniford.hu

SB-100P

Designed for maximum efficiency and versatility.

The SB-100P UV lamp produces super-high UV intensity without excess visible light! Developed to make your work easier, the SB-100P is precision-engineered for use in countless applications. It is perfect for nondestructive testing, quality control, UV curing, leak detection and much more.

Choice of spot or flood bulbs provides widest range of applications.

The SB-100P can be equipped with your choice of two bulbs, each with a rated life of 5,000 hours. The spot bulb provides a concentrated beam with a steady-state 365nm intensity of 4,800 $\mu\text{W}/\text{cm}^2$ at 15 inches (38 cm), while the flood bulb (available with 120V and 100V models only) produces a broader beam of 1,200 $\mu\text{W}/\text{cm}^2$ at 15 inches. The SB-100P has a very low visible light emission of under two foot-candles (20 lux) to assure compliance with military and aerospace industry specifications.

Combines new state-of-the-art innovations with proven features.

The SB-100P was designed with the needs of the industry in mind. Its lamp head and transformer base housings are constructed of a rugged engineering polymer that virtually eliminates dents, cracks and scratches. The cord is made of a heat-and crack-resistant material. It exits from the stay-cool, contoured handle, which prevents tangling. The crack-resistant, tempered filter dramatically reduces replacement costs. The lamp head easily lifts from the metal handle of the transformer base for comfortable hand-held use. For bench use, it can be conveniently rotated 360° when mounted on the base handle. The SB-100P is now more effective than ever with a positioning pin that enables inspection at a 45° angle.

Unique Bulb-Saver™ extends bulb life.

To greatly reduce replacement costs due to broken bulbs, we include our unique Bulb-Saver at no extra charge. It minimizes bulb movement during normal handling, reducing the risk of breakage.

Tough, dependable and safe.

To reduce shock hazard, the SB-100P comes equipped with a special heat-resistant, 3-wire secondary cord and a fully enclosed encapsulated ballast. The primary and secondary cords are both 8-feet (2.5 m) long. Also available are the SB-100PX which comes with a 20-foot (6m) secondary cord and the SB-100PXR which is equipped with 20-foot primary and secondary cords. The lamp head is only 7.5 inches (19 cm) long and weighs just 2.5 lbs. (1.1 kg). The SB-100P is UL listed and CE approved; a CSA-approved version is also available. The entire unit, including the transformer base, weighs 11.5 pounds (5.2 kg).

Flexible, silicone rubber filter holder.

The filter holder is easily removable without tools for bulb or filter replacement.

FREE UV-absorbing glasses included with every lamp.



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**The SB-100P, SB-100PX, SB-100PXR lamps
are available for these line voltages:**

120V/60Hz 230V/50Hz 240V/50Hz 100V/50-60Hz



"FLYING REEL" VERSION

SB-100PR High-Intensity Ultraviolet Lamp with 35 Foot Retractable Cord

Now, we've combined the high performance features of our SB-100P high-intensity ultraviolet lamp with the operator convenience only a "flying reel" can provide. With its 35 foot retractable cord, the Spectroline SB-100PR lamp assures that no job will ever again be out of reach.

POWERFUL, EFFICIENT AND SAFE!

The Spectroline model SB-125 ultraviolet lamp produces up to one-third greater long wave UV intensity than competitive 125-watt units! Its state-of-the-art design dramatically reduces inspection time and increases operator efficiency, making it ideal for nondestructive testing and quality control inspection.

Superior UV irradiance is attributable to a unique specular finish reflector. Specially contoured to its integrally filtered 125-watt bulb, the reflector is made of corrosion-resistant anodized aluminum to maintain maximum intensity over time. The lamp produces a steady-state 365nm irradiance of 9,000 $\mu\text{W}/\text{cm}^2$ at 15 inches (38cm), enabling detection of even the smallest cracks or defects.

The SB-125 is designed not only to optimize UV intensity, but to safeguard the user as well. The hand grip. It detaches easily from the metal handle of the transformer base for hand-held use or may be rotated 360° in both horizontal and vertical positions while mounted for bench use. The transformer has a special heat-resistant, 3-wire secondary cord to reduce shock hazard. Tough and dependable, both the lamp head and base are housed in rugged aluminum.





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For added protection, the unique Spectroline model AF-125 absorption filter/splash guard is available. This filter absorbs any harmful UV-B (312nm) radiation and shields the bulb from splattering liquids.

The SB-125 is equipped with 8 foot (2.4m) primary and secondary cords. Should longer cords be desired, the SB-125X and SB-125XR models are available. All models are UL listed; CSA-approved versions are also available.

MODEL SB-125

Specifications	
Bulb	125 watts, BLE-125B
Cord Length	8 ft. (2.4m) Primary Cord 8 ft. (2.4m) Secondary Cord
Weight	14 lb. (6.3kg)

MODEL SB-125X

Specifications	
Bulb	125 watts, BLE-125B
Cord Length	8 ft. (2.4m) Primary Cord 20 ft. (6.1m) Secondary Cord
Weight	14 lb. (6.3kg)

MODEL SB-125XR

Specifications	
Bulb	125 watts, BLE-125B
Cord Length	20 ft. (6.1m) primary cord 20 ft. (6.1m) secondary cord <i>plus cord mounting brackets</i>
Weight	14 lb. (6.3kg)



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