

ULTRAVIOLET LAMPS

UVP designs and manufactures the largest selection of UV handheld, portable, high intensity, benchtop and display lamps for many uses.

PL Series UV Hand Lamps

PL Series ultraviolet lamps (4 or 6-watts) are made of durable, lightweight plastic. These lamps can be used in a variety of applications including fluorescence of stained gels and sterilization.

Compact UV Lamps

Compact UV Lamps (4-watts) feature models with longwave (365nm), shortwave (254nm) or multiple UV.

- Combination version comes with a snap-on selector for switching between wavelengths
- Lightweight, easy-to-handle lamp design
- Comes in 12V style (for cigarette lighter operation)

J-124 Stand for use with Compact Lamps.

Dimensions J-124 Stand:

6.5H x 7.5W x 4.8D in. (165 x 190 x 122mm)



Handheld UV Lamps

Handheld UV Lamps (6-watts) include shortwave (254nm), longwave (365nm) UV or the combination shortwave/longwave in one lamp.

- Comfortable, ergonomically designed handle
- On/off switch is located on the back of the lamp

Handheld Lamps - Ordering Information

UVG-54	95-0004-09 (115V)
6-watt, 254nm UV	95-0004-10 (230V)
Replacement Filter	98-0004-03
Replacement Tube	34-0013-01

UVGL-55 (split-tube)	95-0005-05 (115V)
6-watt, 365nm/254nm UV	95-0005-06 (230V)
Replacement Filter	98-0005-03
Replacement Tube	34-0015-01

UVL-56	95-0006-02 (115V)
6-watt, 365nm UV	95-0006-03 (230V)
Replacement Filter	98-0006-03
Replacement Tube	34-0034-01

UVM-57	95-0104-01 (115V)
6-watt, 302nm UV	95-0104-02 (230V)
Replacement Filter	98-0004-03
Replacement Tube	34-0044-01

UVGL-58	95-0007-05 (115V)
6-watt, 365nm/254nm UV	95-0007-06 (230V)
Replacement Filter	98-0004-03
Replacement Tube 365nm UV	34-0034-01
Replacement Tube 254nm UV	34-0013-01

J-129 Lamp Stand	98-0016-03
-------------------------	------------

Dimensions J-129: 9.75H x 13L in. (248 x 330mm)



Compact UV Lamps 4-watts lamps feature an on/off button conveniently located on the back of the lamp.

Dimensions Compact Lamps:

7.8L x 2.8W x 2.1H in. (198 x 71 x 53mm)
Weight: 1 lb (0.45kg)

Compact Lamps - Ordering Information

UVG-11	95-0016-14 (115V)
4-watt, 254nm UV	95-0016-15 (230V)
Replacement Filter	98-0016-02
Replacement Tube	34-0003-01

UVGL-15 (split-tube)	95-0017-09 (115V)
4-watt, 365nm/254nm UV	95-0017-10 (230V)
Replacement Filter	98-0017-02
Replacement Tube	34-0004-01

UVL-21	95-0018-02 (115V)
4-watt, 365nm UV	95-0018-03 (230V)
Replacement Filter	98-0018-02
Replacement Tube	34-0005-01

UVGL-25	95-0021-12 (115V)
4-watt, 365nm/254nm UV	95-0021-10 (230V)
Replacement Filter	98-0016-02
Replacement Tube 365nm UV	34-0005-01
Replacement Tube 254nm UV	34-0003-01

UVL-23	95-0019-01 (115V)
4-watt, 365nm BLB UV	95-0019-03 (230V)
Replacement Tube	34-0010-01

UVL-23R 4-watt, 365nm BL UV	95-0019-14 (12V)
Replacement Tube	34-0005-01

J-124 Lamp Stand	98-0020-03
-------------------------	------------



Handheld UV Lamps are lightweight 6-watt models; J-129 Lamp Stand (left).

Dimensions Handheld Lamp:
14.9L x 3.2W x 2.5H in. (378 x 81 x 64mm)
Weight: 2 lb (0.91kg)

3UV™ Multi-Wavelength UV Lamps

This innovative lamp (patented) houses three UV wavelengths operated via A/C (mains) power.

- Selection of each wavelength is by an easy turn of the dial located on one end of the housing
- The uniquely designed reflectors mounted behind each tube provide maximum UV for fluorescence applications
- Lightweight and ergonomically designed for handheld or stationary use

Ordering Information

3UV-34 4-watt	95-0341-01 (115V)
254nm/302nm/365nm UV	95-0341-02 (230V)
3UV-36 6-watt	95-0342-01 (115V)
254nm/302nm/365nm UV	95-0342-02 (230V)
3UV-38 8-watt	95-0343-01 (115V)
254nm/302nm/365nm UV	95-0343-02 (230V)

For replacement tubes: see bottom of page.

Protective eyewear is essential for anyone using UV equipment. See page 7 for UV blocking eyewear.

EL Series 2UV and 3UV Lamps

EL Series Lamps are fabricated of an extruded metal with a scratch-resistant powder paint finish. EL Series UV lamps are available with 4, 6, or 8-watts and a selection of UV wavelengths and white light combinations. The lamps can be placed in the J-138 stand (see p. 5) for hands-free use.

The **3UV™** EL model is available with 8-watt tubes.

- 3UV model houses three UV wavelengths (254nm shortwave, 302nm midrange and 365nm longwave) in one unit, reducing the need to purchase multiple lamps
- Easily switch among the three UV wavelengths as required for your application

The **2UV™** models include two different UV wavelengths in one lamp.

Lamp Dimensions:

4-Watt: 9.8L x 3.8W x 2.5D in. (249 x 97 x 64mm)
 6-Watt: 12L x 3.8W x 2.5D in. (302 x 97 x 64mm)
 8-Watt: 14.8L x 3.8W x 2.5D in. (376 x 97 x 64mm)

UV is used in many applications. Refer to page 36 for a many uses.

Replacement Tubes

Tube, 8-watt, White	34-0056-01
Tube, 8-watt, 365nm	34-0006-01
Tube, 8-watt, 302nm	34-0042-01
Tube, 8-watt, 254nm	34-0007-01
Tube, 6-watt, 365nm	34-0034-01
Tube, 6-watt, 302nm	34-0044-01
Tube, 6-watt, 254nm	34-0013-01
Tube, 4-watt, 365nm	34-0005-01
Tube, 4-watt, 254nm	34-0003-01

3UV Lamps house longwave, shortwave and midrange UV in one lamp (8-watt model pictured).



Lamp Dimensions:

3UV-34: 9.5L x 3W x 4.5D in. (241 x 76 x 114mm)
 3UV-36: 12.5L x 3W x 4.5D in. (318 x 76 x 114mm)
 3UV-38: 15.5L x 3W x 4.5D in. (394 x 76 x 114mm)



EL Series UV Lamps are lightweight and easy to handle (left to right: UVLMS-38, UVLS-28, UVL-14).

Ordering Information

UVLMS-38 8-watt, 3UV	95-0252-01 (115V)
365nm/302nm/254nm	95-0252-02 (230V)
Replacement Filter	38-0158-06
UVLM-28 8-watt, 2UV	95-0251-01 (115V)
365nm/302nm	95-0251-02 (230V)
Replacement Filter	38-0158-03
UVLS-28 8-watt, 2UV	95-0201-01 (115V)
365nm/254nm	95-0201-02 (230V)
Replacement Filter	38-0158-03
UVLM-26 6-watt, 2UV	95-0278-01 (115V)
365nm/302nm	95-0278-02 (230V)
Replacement Filter	38-0182-03
UVLS-26 6-watt, 2UV	95-0279-01 (115V)
365nm/254nm	95-0279-02 (230V)
Replacement Filter	38-0182-04
UVLS-24 4-watt, 2UV	95-0271-01 (115V)
365nm/254nm	95-0271-02 (230V)
Replacement Filter	38-0183-03

EL Series - White/UV and Twin

UV/White and Twin EL Series Lamps are available in four, six and eight watt configurations.

- **White/UV Models** include one UV tube (254, 302 or 365nm) and one white light tube in one lamp
- **Twin Models** include two tubes of the same UV wavelength for added UV intensity



EL Series White/UV lamps include UV and white light (UVS-14 shown).

UV/White Models - Ordering Information

UVL-18 8-watt, 365nm UV/white Replacement Filter	95-0198-01 (115V) 95-0198-02 (230V) 38-0158-04
UVM-18 8-watt, 302nm UV/white Replacement Filter	95-0199-01 (115V) 95-0199-02 (230V) 38-0158-05
UVS-18 8-watt, 254nm UV/white Replacement Filter	95-0200-01 (115V) 95-0200-02 (230V) 38-0158-05
UVL-16 6-watt, 365nm UV/white Replacement Filter	95-0272-01 (115V) 95-0272-02 (230V) 38-0182-02
UVM-16 6-watt, 302nm UV/white Replacement Filter	95-0273-01 (115V) 95-0273-02 (230V) 38-0182-01
UVS-16 6-watt, 254nm UV/white Replacement Filter	95-0274-01 (115V) 95-0274-02 (230V) 38-0182-01
UVL-14 4-watt, 365nm UV/white Replacement Filter	95-0264-01 (115V) 95-0264-02 (230V) 38-0183-02
UVS-14 4-watt, 254nm UV/white Replacement Filter	95-0266-01 (115V) 95-0266-02 (230V) 38-0183-01

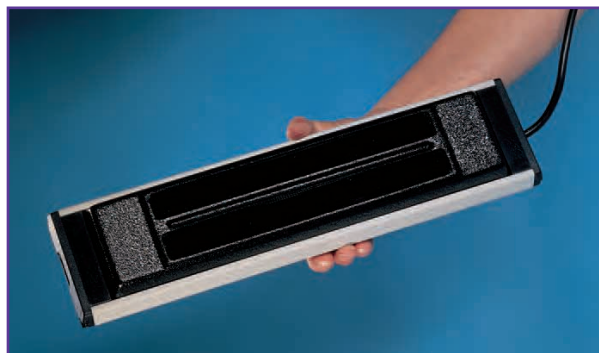
Accessories for EL Series UV Lamps:

- J-138 lamp stand is for use with any EL Series Lamps allows for hands-free use
- C-10E4 and C-10E6 Cabinets can be used with the EL Lamps - see page 13 for additional information

J-138 Stand shown with the 8-watt EL Lamp.

J-138 Stand Dim:

10.74H x 13L x 3W in. (273 x 330 x 76mm)



EL Series Twin Models have two tubes of the same UV wavelength (UVL-28 shown).

Twin Models - Ordering Information

UVL-28 8-watt, 365nm UV Replacement Filter	95-0248-01 (115V) 95-0248-02 (230V) 38-0158-01
UVM-28 8-watt, 302nm UV Replacement Filter	95-0250-01 (115V) 95-0250-02 (230V) 38-0158-01
UVS-28 8-watt, 254nm UV Replacement Filter	95-0249-01 (115V) 95-0249-02 (230V) 38-0158-02
UVL-26 6-watt, 365nm UV Replacement Filter	95-0275-01 (115V) 95-0275-02 (230V) 38-0182-05
UVM-26 6-watt, 302nm UV Replacement Filter	95-0276-01 (115V) 95-0276-02 (230V) 38-0182-04
UVS-26 6-watt, 254nm UV Replacement Filter	95-0277-01 (115V) 95-0277-02 (230V) 38-0182-04
UVL-24 4-watt, 365nm UV Replacement Filter	95-0267-01 (115V) 95-0267-02 (230V) 38-0183-05
UVM-24 4-watt, 302nm UV Replacement Filter	95-0268-01 (115V) 95-0268-02 (230V) 38-0183-04
UVS-24 4-watt, 254nm UV Replacement Filter	95-0269-01 (115V) 95-0269-02 (230V) 38-0183-04

Replacement Tubes

Tube, 8-watt, White	34-0056-01
Tube, 8-watt, 365nm	34-0006-01
Tube, 8-watt, 302nm	34-0042-01
Tube, 8-watt, 254nm	34-0007-01
Tube, 6-watt, White	34-0063-01
Tube, 6-watt, 365nm	34-0034-01
Tube, 6-watt, 302nm	34-0044-01
Tube, 6-watt, 254nm	34-0013-01
Tube, 4-watt, White	34-0066-01
Tube, 4-watt, 365nm	34-0005-01
Tube, 4-watt, 254nm	34-0003-01
Tube, 4-watt, 302nm	34-0071-01

Accessories

J-138 Lamp Stand	18-0063-01
C-10E4 Cabinet (for 4W EL Lamps)	95-0072-08
C-10E6 Cabinet (for 6W EL Lamps)	95-0072-09

Mini, Portable and Rechargeable UV Lamps

Mini UV Lamps



Mini UV Lamps are 4-watt models with longwave (365nm), shortwave (254nm) ultraviolet or multiband split-tube shortwave and longwave in one unit. Lamps operate on four AA batteries (not included).

Mini UV Lamps
*UVG-4, UVSL-14P,
UVL-4.*

- Excellent lamps for office or field inspection
- Lamps are lightweight and small enough to fit into a pocket
- A nylon strap is attached for easy handling

Dimensions:

UVG-4, UVSL-14P 6.25L x 1W x 2.6H in. (159 x 25 x 66mm)

UVL-4 6.25L x 1W x 2H in. (159 x 25 x 51mm);

Weight: 0.5 lb (0.23 kg)

UVL-4F Mini UV Lamp
includes a longwave UV tube and a flashlight.

**Dimensions:**

UVL-4F 6.5L x 2W x 1H in. (165 x 51 x 25mm)

Weight: 0.5 lb (0.23kg)

Ordering Information

UVG-4 4-watt, 254nm Replacement Tube	95-0158-04 (4AA) 34-0003-01
---	--------------------------------

UVL-4 4-watt, 365nm BLB Replacement Tube	95-0125-05 (4AA) 34-0010-01
---	--------------------------------

UVSL-14P Multiband split-tube 4-watt, 254nm/365nm Replacement Tube	95-0188-02 (4AA) 34-0004-01
---	--------------------------------

UVL-4F 4-watt, 365nm BLB/Flashlight Replacement Tube	95-0305-03 (4AA) 34-0010-01
---	--------------------------------

Portable and Rechargeable UV Lamps

Portable 6-watt UV lamps are operated by two 6-volt lantern batteries.



- The distinctive wrap around handle comfortably balances the lamp in your hand
- A built-in flashlight is included
- Optional rechargeable 6V batteries and charger are available

Portable UV Lamps are
lightweight for field use.

Dimensions:

9.5L x 2.8W x 9.4H in. (241 x 71 x 239mm)

Weight: 4 lb (1.8 kg)

Portable Lamp - Ordering Information

ML-49 6-watt, 365nm BLB Replacement Tube	95-0011-01 (12V) 34-0016-01
---	--------------------------------

UVG-47 6-watt, 254nm Replacement Tube Replacement Filter	95-0009-02 (12V) 34-0013-01 98-0019-04
--	--

UVGL-48 split-tube 6-watt, 254nm/365nm Replacement Tube Replacement Filter	95-0010-02 (12V) 34-0015-01 98-0010-04
--	--

Bulb, White	34-0014-01
-------------	------------

Battery, 6V	45-0005-01
-------------	------------

Battery, rechargeable 6V (115V) Charger (115V)	45-0005-02 58-0136-01
---	--------------------------

Rechargeable 6-watt 26P series lamps come in three dual-tube models.

- Lamps are equipped with an internal gel based, lead-acid battery which can be charged for field operation from a standard wall outlet
- UVSL-26P (shown) can operate with both long and shortwave on at the same time
- Optional 12V adapter operates the lamp from a car cigarette lighter
- Use with the C-10P Cabinet

Dimensions:

5.5L x 3.0W x 9.8H in. (140 x 76 x 249mm)

Weight: 4 lb (1.8 kg)



Rechargeable UV Lamps with built-in rechargeable battery.

Rechargeable Lamps - Ordering Information

UVL-26P 6-watt, 365nm Replacement Tube, 365nm BLB	95-0186-01 (115V) 95-0186-02 (230V) 34-0016-01
--	--

UVS-26P 6-watt, 254nm Replacement Tube, 254nm Replacement Filter	95-0187-01 (115V) 95-0187-02 (230V) 34-0013-01 38-0154-01
---	--

UVSL-26P 6-watt 254nm/365nm Replacement Tube, 365nm Replacement Tube, 254nm Replacement Filter	95-0181-01 (115V) 95-0181-02 (230V) 34-0034-01 34-0013-01 38-0154-02
---	--

Adapter, 12V	58-0127-02
--------------	------------

Signature UV Lamps

Signature and fraud detection UV lamps use longwave UV to check the authenticity of signatures, documents, tickets, passports, currency and credit cards.

- Speed up customer service
- Deter criminals
- Easy to operate
- Easy to detect forged documents and currency
- Safe to use

For other
UV lamps,
see page 3

Ordering Information

SL-2M Fraud Detection UV Lamp, 4-watt, 365nm	95-0164-01 (115V) 95-0164-02 (230V)
UVL-4 UV Lamp, 4-watt, 365nm	95-0125-01 (4-AA not included)

Dimensions:

SL-2M: 6.5W x 5.75D x 4.5H in. (165 x 145 x 114 mm)
UVL-4: 6.25L x 1W x 2H in. (159 x 25 x 51mm)

UVL-4 Lamp



SL-2M (above) Pass the item in question under the longwave ultraviolet. Invisible inks or altered documents fluoresce when exposed to the UV.

- Instant document verification
 - Signatures
 - Currency
 - Credit Cards

Mineralight® UV Lamps

Mineralight **R-52G** Grid Lamp provides a powerful, uniform source of high-intensity shortwave UV.

- For small scale mineral displays and laboratory applications including bacteria destruction, sterilization and photochemistry
- Removable filter assembly converts the lamp from fluorescent analysis to sterilizing uses

Dimensions: 7.8H x 16L x 7.8W in. (198 x 406 x 198mm)
Weight: 9.5 lb (4.3 kg)

R-52G
provides
high
intensity
254nm
UV.



Ordering Information

R-52G Grid Lamp 254nm UV	94-0012-05 (115V) 94-0012-06 (230V)
R-52G Grid Replacement	77-0002-02

UV BLOCKING EYEWEAR



Eyewear protects the eyes from harmful UV.

Goggles and Faceshield comply with ANSI-Z87.1 1986 specifications for eye and face protection devices.

Dimensions:

Spectacles: 2H x 6W in. (51 x 152mm)
Goggles: 3H x 6W in. (76 x 152mm)
Faceshield: 17dia x 8.25H in. (432 x 210mm)

Eye and face protection is essential for anyone working with ultraviolet sources which can cause burning to unprotected eyes and skin. Eyewear blocks wavelengths from 200 - 400nm.

- **Spectacles** are made of impact resistant polycarbonate. The top and side-shield design provides UV protection for the eyes
- **Goggles** are constructed of specially-formulated plastic for optimum viewing contrast and lessened eye fatigue. Goggles feature a lightweight design and flexible rubber trim. Air vents allow air flow while blocking ultraviolet transmission
- **Faceshield** covers the face and neck area

Ordering Information

Spectacles UVC-303	98-0002-01
Goggles UVC-503 Replacement Goggle Lens	98-0002-02 98-0002-03
Faceshield UVC-803 Replacement Shield	98-0002-04 38-0151-01

High Intensity UV Lamps

Blak-Ray® B-100 high intensity lamps supply brilliant UV irradiance for optimum fluorescence. All "AP" series lamps come with the special heat resistant plastic. The Cool-Touch™ housing that allows users to handle the lamp head regardless of how long the lamp has been operating.

B-100AP and B-10AP/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
- The grip handle fits into the transformer base for easy lamp storage and 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
- Optional equipment: 1) funnel directs the UV source to a specific area 2) visor shields the user from blue haze emitted from the lamp, 3) finger guard blocks fingers from touching the bulb, 4) exposure box for fluorescing small samples



Exposure Box

B-100SP Lamp

This 140-watt longwave, self-ballasted lamp is UVP's most portable high-powered lamp.

- The ballast is built directly into the bulb
- The lamp cord length is 8 ft. (2.44 m)



- The on/off switch is positioned on the handle for easy accessibility
- Perfect for automotive leak detection

B-100SP Self-ballasted bulb included with the B-100SP has an average life of 450 to 2000 hours.



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

Accessories
from left to right: Finger guard, visor, funnel.



Dimensions:

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

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

Ordering Information

B-100SP 140-watt (365nm) longwave Intensity at 2/10 in. ($\mu\text{W}/\text{cm}^2$)	95-0128-01 (115V) (230V not available) 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

Dimensions:

Lamp Head 9.75L x 6Dia. in. (248 x 152mm)
Weight: 3.14 lb. (1.43kg)

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

The B-100A High Intensity Lamp, features 100 watts of 365nm longwave UV which is excellent for many applications including 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 semi conductor 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 intensity is so brilliant, particles down to only 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.

BL-15 UV Inspection Lamp



BL-15 has a narrow, durable plastic housing.

Dimensions: 20L x 2Dia in. (508 x 50.8mm)
Weight: 2.5 lb (1.1kg); Cord length: 15 ft.

B-100A The 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, 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, 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	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

Note: B-100A, B-100A/R and B-100Y are not CE marked.

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 has a long, narrow housing that is lightweight for easy handheld use
- Two adjustable hooks are included

Ordering Information

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

UV Display and Bench Lamps

225D Mineralight Lamps

- **Mineralight® 225D Display Lamps** provide hours of UV illumination for fluorescence, sterilization or inspection applications with 25-watt UV
- Each lamp comes with adjustable handles and mounting bracket for hanging

UVGD Mineralight Lamp

- **UVGD-68** quartz grid lamp is rated at 20,000 hours of use with unlimited on/off capability
- The UVG Long-Life Filter is included
- Excellent for large gem and mineral displays



UVGD-68 uses a high intensity, shortwave (254nm) quartz grid lamp.

XX-Series UV Bench Lamps

Blak-Ray® XX-Series bench lamps - longwave (365nm), BLB (black light) or midrange (302nm) UV and **Mineralight® (shortwave 254nm) bench lamps** are available in a selection of 15, 20 and 40-watt housings.

- Durable aluminum housing has scratch resistant powder paint finish
- Lamp uses include sterilization, NDT, fluorescence display, as well as benchtop inspection stations



XX-15S Lamp for downward illumination of a work area.



225D 25-Watt Mineralight Display Lamps can be mounted by the brackets for overhead use.

225D Lamp Dimensions:

18.5L x 4.5W x 3.5H in. (470 x 114 x 89mm); **Weight:** 10 lb (4.6 kg)

UVGD-68 Dimensions:

18.5L x 4.75W x 5H in. (470 x 114 x 89mm) **Weight:** 10 lb (4.6 kg)

Ordering Information

UVL-225D	95-0190-01 (115V)
365nm UV, 25-watt	95-0190-02 (230V)
Replacement Tube	34-0060-01

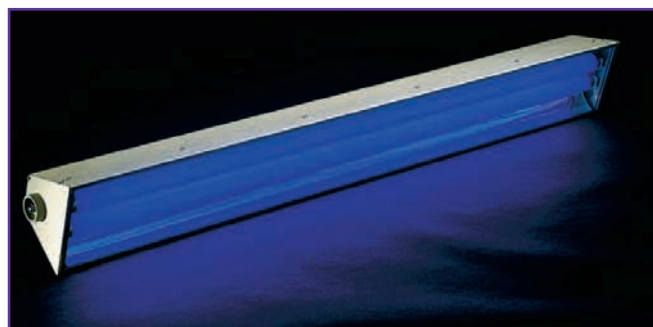
UVS-225D	95-0191-01 (115V)
254nm UV, 25-watt	95-0191-02 (230V)
Replacement Tube	34-0073-01

UVLS-225D	95-0192-01 (115V)
365nm/254nm UV, 25-watt	95-0192-02 (230V)
Replacement Tube 365nm	34-0060-01
Replacement Tube 254nm	34-0073-01

UVM-225D	95-0189-01 (115V)
302nm UV, 25-watt	95-0189-02 (230V)
Replacement Tube	34-0072-01

UVGD-68	95-0026-07 (115V)
254nm UV grid	95-0026-08 (230V)
Replacement grid	77-0001-04

UV blocking eyewear is critical for anyone using UV. See page 7 for UV blocking eyewear.



Bench Lamps are available in 40-watt sizes to cover large scale areas.

UV Intensity and Spectral Output data is available upon request. Contact UVP for information.



UV Bench Lamps are available in 15-watt, 20-watt and 40-watt. Select from several wavelengths for UV illumination in many industrial and laboratory applications

Ordering Information

XX-15S	95-0042-05 (115V)
254nm UV, 15-watt	95-0042-09 (230V)
Replacement Tube	34-0008-01

XX-15M	95-0042-08 (115V)
302nm UV, 15-watt	95-0042-15 (230V)
Replacement Tube	34-0039-01

XX-15L	95-0042-07 (115V)
365nm UV, 15-watt	95-0042-13 (230V)
Replacement Tube	34-0009-02

XX-15 BLB	95-0042-06 (115V)
365nm BLB UV, 15-watt	95-0042-11 (230V)
Replacement Tube	34-0017-01

XX-20S	95-0045-07 (115V)
254nm, 20-watt	95-0045-08 (230V)
Replacement Tube	34-0067-01

XX-20 BLB	95-0045-04 (115V)
365nm BLB UV, 20-watt	95-0045-05 (230V)
Replacement Tube	34-0068-01

XX-40S	95-0043-07 (115V)
254nm, 40-watt	95-0043-08 (230V)
Replacement Tube	34-0067-02

XX-40 BLB	95-0043-04 (115V)
365nm BLB UV, 40-watt	95-0043-05 (230V)
Replacement Tube	34-0068-02

Cover, clear (XX-15 BLB)	19-0140-01
---------------------------------	------------

Filter (XX-15S)	38-0172-02
------------------------	------------

XX-15 Stand	18-0062-01
--------------------	------------

Dimensions:

XX-15S: 19.75L x 6W x 4.25H in. (502 x 152 x 108mm)
Weight: 5 lb (2.3kg)

XX-20S: 24L x 6W x 4.25H in. (610 x 152 x 108mm)
Weight: 10 lb (4.5 kg)

XX-40S: 49.6L x 6W x 4.25H in. (1260 x 152 x 108mm)
Weight: 20 lb (9.0 kg)

For sterilization applications, the **XX Series Mineralight shortwave bench lamps** use 254nm UV radiation as a reliable and effective tool for sterilization and sanitation applications in hospitals, laboratories, pharmaceutical companies and clinics. Work areas and equipment can become contaminated with bacteria which may be passed via the air or by hand, infecting research projects and workers.

Once the researcher knows the micro-organism to be destroyed and how much energy is required, divide the energy required (in units mW/cm² at 12 in. for the XX-15S) to calculate the total exposure time required to do the job.

- Place the lamp in an upward facing position for purifying air or facing downward for sanitizing work surfaces
- Shortwave (254nm) ultraviolet can kill up to 99% bacteria, mold spores, yeast and germs
- The UV intensity can be increased by bringing the lamp closer to object being sterilized
- Brackets are included for hanging the lamp to reduce space required on laboratory benchtops
- Lamps are manufactured with a durable aluminum housing and scratch-resistant powder paint finish

Accessories

- XX-15 lamp models can be attached to the **Exposure Stand** for exposure of materials to ultraviolet
- The shelf is adjustable to set distances from the ultraviolet source

Exposure Stand shelf is adjustable to different levels for repeatable exposure of samples.

Stand Dimensions:

20W x 6D x 13H in.
(508 x 152 x 330mm)
Weight: 8 lb (3.6 kg)



An optional UV transmitting filter for the XX-15S allows use for fluorescence applications.

Filter Covers and clear covers can be attached to the XX-15S lamp (left).





WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.