



# Product Catalog

Lab & Life Science

LUYOR-3410 features four 365nm high-power ultraviolet LEDs, a high-strength aluminum alloy shell and rubber protective case. Its cold light source works for a long time without generating heat. Equipped with a white light LED, LUYOR-3410 can also be used for illumination in darkness. LUYOR-3410 is ideal for genetically modified research in life sciences and photocatalytic reactions in molecular materials.

## Applications

- Screening of genetically modified fluorescent proteins
- Molecular Material Photocatalysis
- Aflatoxin Detection
- Genetic Experiments
- Detection of Food Contamination
- Rodent Contamination and Lice Detection
- Medical Diagnosis
- Milestone Inspection
- Fluorescence Photography
- Pesticide Analysis
- Dermatology Cosmetology

## Technical Data

- Power: UV 15w, white light 5w
- UV intensity: 6,000  $\mu\text{w}/\text{cm}^2$  at 38cm
- Coverage area: diameter 150mm at 38 cm
- White light measurement: 3500 lux at 38cm
- Wavelength: 360-370nm, peak 365nm
- LED lifespan: 50,000 hours
- Dimension: 200 x 180cm, head diameter 120mm
- Weight: 0.8kg
- Power cord: standard 3m, maximum 5m



## What's Included

- LUYOR-3410
- Two pairs of LUV-10A UV protection glasses
- A storage case
- Optional: stand



LUYOR-3109 UV LED Lamp uses nine high-power UV LEDs, which are focused by a special ultraviolet lens and provide uniform irradiation. With an IP67-rated waterproof design and high intensity ultraviolet output, LUYOR-3109 is ideal for polymerization reaction, observing GFP, and ultraviolet photocatalysis in university laboratories and research institutes.



## Product Features

- 9 high-power LEDs provide wide coverage area and uniform irradiation
- Light source at a height of 20cm, ideal for ultraviolet photocatalysis
- Cold light source: surface temperature < 50°C after long time operation
- Instant startup, no need to wait.
- Can work continuously for 24 hours
- Flexible arm for lighting at specific angles

## Technical Data

- Large coverage area: diameter 250mm at 38cm
- High intensity: 9,000  $\mu\text{w}/\text{cm}^2$  at 38cm
- Wavelength: 360-370nm, peak 365nm, no UVB or UVC
- Power supply: 24V AC
- Dimension: 113mm x 85mm x 110mm

LUYOR-3405A UV LED Desk Lamp is a high-intensity, versatile lamp designed specifically for university laboratories, research institutes, and forensic institutes. LUYOR-3405A features high-energy ultraviolet LEDs, a waterproof and dustproof light head, and an aluminum alloy case that facilitates heat dissipation.

## Applications

- Screening of genetically modified fluorescent proteins
- Molecular material photocatalysis
- Genetic Experiments
- Rodent Contamination Detection
- Aflatoxin Detection
- Milestone Inspection
- Pesticide Analysis
- Medical Diagnosis
- Detection of Food Contamination
- Fluorescence Photography
- Dermatology Cosmetology



## Product Features

- Instant startup
- Cold light source: surface temperature < 60°C even after 24 hours of continuous operation
- Pure 365nm UV, no UVB or UVC
- Waterproof and dustproof light head

## Technical Data

- Power: 20w
- Intensity: 19,750  $\mu\text{w}/\text{cm}^2$  at 38cm
- Wavelength: 360-370nm, peak 365nm
- Dimension: 200 x 130 x 90mm (base), flexible gooseneck 50cm long, light head diameter 78mm
- Weight: 1.7kg

## What's Included

- LUYOR-3405A
- A pair of LUV-10 UV protection glasses
- Warranty card
- Instruction manual
- Certificate

LUYOR XX-Series UV Bench Lamp is a versatile and compact UV lamp. Various wavelengths (365nm, 302nm, and 254nm) and watts (15w and 18w) are available. The 254nm UV lamp is a reliable sterilization device which can be used to kill bacteria, yeast, mold spores, and viruses in hospitals, health laboratories, pharmaceutical companies, and clinics. The 365nm BLB tubes are ideal for inspection and testing.



## Product Features

- Multiple wavelengths available: 365nm (BLB), 302nm, and 254nm
- Multiple watts available: 15w, 18w
- Mounting holes at the top end for hanging
- A durable aluminum housing and powder-coated scratch-resistant paint

## Technical Data

<i>Model</i>	<i>Tubes</i>	<i>UV Intensity at 25cm</i>	<i>Dimension</i>	<i>Weight</i>
XX-15A	2 x 15w 365nm BLB tubes	1,650 $\mu\text{w}/\text{cm}^2$	50 x 15 x 11cm	2.5kg
XX-15B	2 x 15w 302nm tubes	1,620 $\mu\text{w}/\text{cm}^2$	50 x 15 x 11cm	2.5kg
XX-15C	2 x 15w 254nm tubes	1,550 $\mu\text{w}/\text{cm}^2$	50 x 15 x 11cm	2.5kg
XX-20A	2 x 18w 365nm BLB tubes	1,950 $\mu\text{w}/\text{cm}^2$	61 x 15 x 11cm	4.5kg
XX-20B	2 x 18w 302nm tubes	1,910 $\mu\text{w}/\text{cm}^2$	61 x 15 x 11cm	4.5kg
XX-20C	2 x 18w 254nm tubes	1,950 $\mu\text{w}/\text{cm}^2$	61 x 15 x 11cm	4.5kg

LUYOR Three-Wavelength UV Lamp LELMS-38L offers uniform and intense UV light of three different wavelengths (254nm, 302nm, and 365nm). With an independent switch for each wavelength, you can turn on all wavelengths together or separately. LELMS-38L is a compact, versatile, and lightweight UV lamp that is excellent for both handheld and stationary use.



### Product Features

- Three wavelengths for a variety of uses from industrial inspection to laboratory irradiation.
- Easy to control and use: three independent switches for each wavelength. You can turn on one, two or all three wavelengths.
- A rugged and lightweight housing for long time use.
- Can be attached to a stand for stationary use

### Technical Data

- Wavelength: 254nm, 302nm, and 365nm
- Light Source: three 8w UV tubes, one for each wavelength
- UV Intensity at 10cm:
  - UVA: 1,236  $\mu\text{w}/\text{cm}^2$
  - UVB: 848  $\mu\text{w}/\text{cm}^2$
  - UVC: 1,170  $\mu\text{w}/\text{cm}^2$
- Power supply: 110-220V
- Power cord length: 2.5m
- Dimension: 330 \* 100 \* 80mm



Optional: a stand

LE-Series UV Inspection Lamp offers unsurpassed UV intensities for fluorescence analysis. We offer a wide range of choices with different UV wavelengths, intensities, sizes, and wattages so that you can choose the model that best meets your needs. LE-Series UV Inspection Lamp can be used in fluorescence analysis, ultraviolet sterilization, document verification, ore exploration, criminal investigation, and archaeological research!

## Product Features

- Choice of three wavelengths (254nm, 312nm, 365nm)
- Choice of dual wavelengths or single wavelength
- Portable, compact, lightweight
- A silver, anodized-aluminum housing makes it both attractive and durable.
- Convenient carrying handle, easy to use and carry.
- Corrosion-resistant
- Long lifespan: our unique filter glass ages at a much slower rate than conventional filters.



## Technical Data

Dimension: 33.7cm x 8.3cm x 6.4cm

Series	Model	No. of Tubes	Power	Wavelength	Filter
<b>Dual Wavelength</b>	LEAB-280L	2	8w	365nm + 312nm	Yes
	LEAC-280L	2	8w	365nm + 254nm	Yes
<b>LEA</b>	LEA-180B	1 BLB	8w	365nm	
	LEA-180	1	8w	365nm	
	LEA-180L	1	8w	365nm	Yes
	LEA-280B	2 BLB	8w	365nm	
	LEA-280	2	8w	365nm	
	LEA-280L	2	8w	365nm	Yes
<b>LEB</b>	LEB-180L	1	8w	312nm	Yes
	LEB-280L	2	8w	312nm	Yes
<b>LEC</b>	LEC-180	1	8w	254nm	
	LEC-180L	1	8w	254nm	Yes
	LEC-280	2	8w	254nm	
	LEC-280L	2	8w	254nm	Yes
	LEC-216	2	16w	254nm	
	LEC-216L	2	16w	254nm	Yes

Featured with 3X magnifying glass, LUYOR-1144A UV Lamp is excellent for inspecting tiny objects, such as conformal coatings on PCBs. It is designed to be lightweight and versatile. With great portability, large magnification, and long lifespan, LUYOR-1144A provides great value for your facility.



### Product Features

- 4 x 4w 365nm BLB tubes
- High-resolution 3X magnifying glass (8-inch/20.3cm focal length)
- Portable, lightweight
- Optional: stand and flexible arm for 360° rotation
- Package dimension: 65 x 32 x 44cm
- Net weight: 0.9kg
- Gross weight: 1.3kg

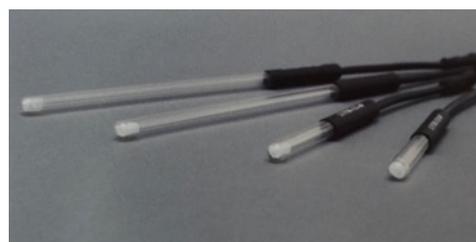
### Customer Applications



LUYOR-1120 Mercury Lamps adopt an efficient double-hole tube structure made of high-quality quartz. LUYOR-1120 is an ultraviolet lamp with ozone, while LUYOR-1121 is ozone free. LUYOR-1120 provides reliable UV-VIS radiation. Featuring special quartz glass protection, it eliminates 185nm radiation and reduces the impact of environmental temperature changes, providing more stable operation.

## Product Features

- High UV-VIS output, low noise
- Can choose the model with or without ozone
- Can customize plug to meet different needs
- Can customize lighted length from 20mm to 220mm
- Power available: 12v, 24v, 110, 220v



## Applications

- Liquid Chromatography
- TOC Analyzer
- Photometer Calibration
- Mercury Analyzer
- Photochemistry
- Fluorescence microscope
- Atomic absorption
- Spectroscopy
- Ozone monitor
- Immunoassay
- UV rays
- Calibration of spectrometer
- Pollution meter
- Spectrophotometry
- Interferometry
- UV curing and drying
- Ozone generator

## Technical Data

<i>Model</i>	<b>Lighted Length</b>	<b>Total Length</b>	<b>Tube Diameter</b>	<b>Handle Diameter</b>	<b>Wavelength Peak</b>	<b>Cord Length</b>	<b>Plug</b>
<i>LUYOR-1120-025</i>	25mm	95mm	12mm	14mm	254nm With ozone	160mm	2-pin
<i>LUYOR-1120-060</i>	60mm	130mm	12mm	14mm	254nm With ozone	160mm	2-pin
<i>LUYOR-1120-200</i>	200mm	270mm	12mm	14mm	254nm With ozone	160mm	2-pin
<i>LUYOR-1121-025</i>	25mm	95mm	12mm	14mm	254nm Without ozone	160mm	2-pin
<i>LUYOR-1121-060</i>	60mm	130mm	12mm	14mm	254nm Without ozone	160mm	2-pin
<i>LUYOR-1121-200</i>	200mm	270mm	12mm	14mm	254nm Without ozone	160mm	2-pin