



BL-400S BLACKLIGHT USER MANUAL

INTRODUCTION

Thank you for purchasing the BL-400S UV Blacklight. It is a high power 400w spot UV producing fixture. To assist with the care and proper use of the product we have prepared this user manual. Read it carefully prior to use.

OPERATION

Before connecting this unit to the mains power supply for the first time you must first install the lamp.
(See 'Replacing Lamp' for details).

This lighting effect has been designed to function on a mains power supply at 120V~60Hz and has been fitted with a suitable Edison NEMA 5-15 power plug for use with your local 120 voltage. Check the label on the unit and the power plug for the correct voltage. It must be connected to an On/Off type circuit without DIMMING.. Powering this fixture from a DIMMER will damage the magnetic ballast and electrical system.

When connected to the mains power supply the unit should illuminate. The product utilizes a high intensity mercury vapor lamp, it will take 5 to 10 minutes to reach full intensity. The intensity of the lamp will increase with use. The light emitted by the product is invisible and does not have the glow of a fluorescent fixture. It produces UV radiation. Due to the high operating temperature of discharge mercury lamps it is advisable that the effect be used in well ventilated areas and making sure not to obstruct the air vents. To maximize lamp life, allow the unit to cool down before moving or touching the lamp.

CAUTION

- Do not obstruct the air vents.
- Do not touch unit or lamps while hot.
- Never put any objects through the air grill or on top of the unit.
- No user serviceable parts inside, please refer to our company.

Due to the nature of the mercury vapor lamp, this lamp must be allowed to cool down (about 5 to 10 minutes) after being turned off before attempting to reignite. Failure to wait for cool down may cause the lamp to fail prematurely.

This unit gets very hot, and must not be within reachable touch. This unit produces UV light which could be harmful if exposed to for extensive periods. It may cause burns. Do not stare into the unit.

INSTALLATION/MOUNTING

Although this unit can be used in an upright position, it is recommended that, for safety purposes, your lighting effect be properly mounted using a suitable hanging clamp and safety cable. We offer a range of items, which are ideal for safe mounting. Do not mount near flammable products. Keep at least 1 meter away. Use in a well-ventilated area without obstruction to air vents. Do NOT allow this unit touch other products or materials.

REPLACING LAMP

1. Disconnect from main power supply before attempting to replace the lamp.
2. Ensure that the unit is sufficiently cool, before removing blown lamps.



3. Never touch new lamps with your fingers: use a tissue or a cloth.

In order to replace the lamp, disconnect from main power supply first, and unscrew the lamp replacement cover. Only use the appropriately rated lamps as use of any other lamp type many cause the unit to be non-operational.

Due to the nature of the mercury vapor discharge lamp it is vitally important that you do not touch the new replacement lamp with your bare fingers, as this will reduce lamp life considerably. Once again a clean tissue or cloth can be used for fitting the replacement lamp. After replacement of the lamp, if the unit is still not working then please contact your local dealer or our company for assistance.

CLEANING

The most important part of maintaining lighting fixture is to keep it clean. By keeping the reflector clean, it will allow more light to be transmitted & projected forward, thus producing a better UV effect and cooler operation. This should be cleaned with a soft damp cloth. The body of the unit may also be cleaned in the same way. Make sure all vents are free of debris and ventilation obstructed in any way. Any internal cleaning should be performed by a fully qualified technician.

MAINTENANCE & SERVICING

Any work on internal parts should be carried out by a qualified technician only. Removal of covers other than the front to replace lamp is considered a breach of warranty and will not be covered under any such agreement unless authorized first by our company.

TROUBLESHOOTING

- If the unit is not functional-check main power supply is 'on' and at the correct voltage.
- If the unit is functional but lamp does not light, lamp may require replacing.
- If the unit lights up but it not very bright, lamp maybe very old and requires replacement or unit is not receiving proper voltages. Make sure unit is not plugged into any dimming device.

POWER CONNECTIONS

The unit is supplied with an Edison power plug appropriate to its voltage. Should any other connections be required they must be carried out with the following configuration.

Earth = Green/Yellow cable

Common/Neutral = Blue cable

Hot/Live = Brown cable

In the USA & Europe, it is required that all plugs are 3-pin type i.e. with Earth/Ground connection.

In the UK, it is required that all mains plugs are fitted with 5A fuses.

TECHNICAL SPECIFICATIONS

Power:	120V~60Hz AC
Fuse:	7A/125V
Lamp:	LH400BL-T 400W(E40)
Dimensions:	352x380x390mm
Weight:	12.7KG
Warranty:	Limited 90-day warranty