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User Manual

Models Covered:

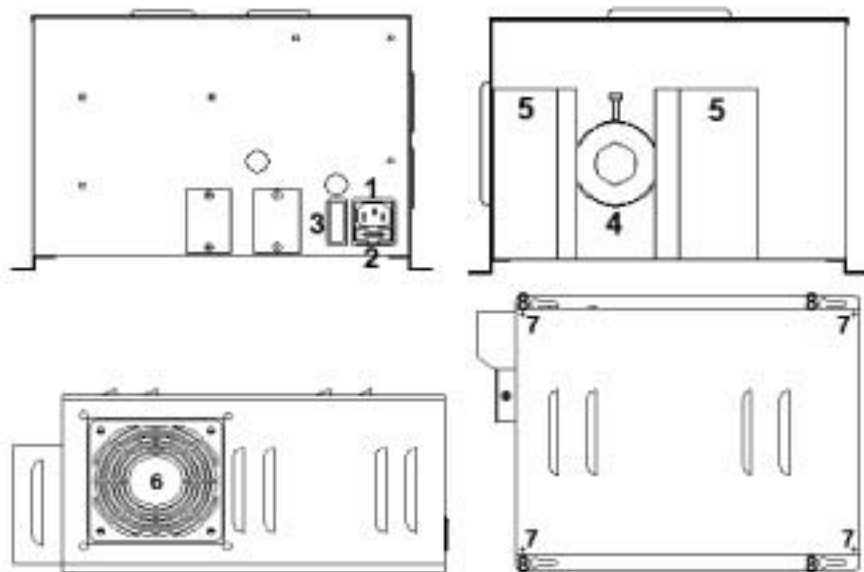
UAG-250-E-W Ultima 250w White

UAG-250-E-C Ultima 250w Decorative

Please read this manual carefully before operating the light source, and retain for future reference.



Diagram of Light Source



Ref.	Description
1	Mains Input Socket
2	Fuse Drawer
3	Power Indicator Light
4	Harness Socket
5	Motor Covers (Decorative unit only)
6	Cooling Fan
7	4x Access Screws
8	4 x Mounting Holes

Important Safety Information



Please read this information thoroughly before installation or use of this equipment.

- Always disconnect the unit from the power supply before opening or attempting to perform any work on it.
- Always allow the unit to cool down before handling or moving it.
- Ensure that the power supply is correct for the unit before powering it up.
- Always ensure that the unit is properly EARTHED.
- Do not expose the unit to rain or moisture.
- Keep away from all combustible materials
- NEVER look at the lamp when it is lit.
- Never attempt to tamper with the wiring or other internal components.

Installation Guide

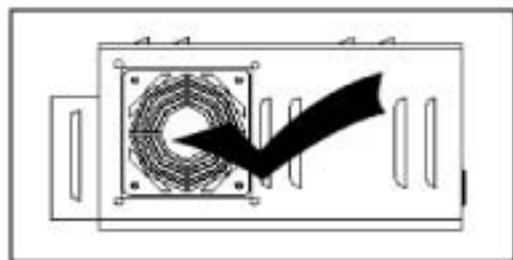
In order for the 250 watt light source to function safely and efficiently it must be installed according to this user manual. Please read all sections thoroughly before switching on the light source.

Power Source Requirements

Before plugging in the light source, please make sure that the supply is correct. Failure to do so could cause the unit to malfunction. The unit requires a 240volt, 50Hz supply, and it MUST BE EARTHED. It is supplied with a standard 13 amp plug. UNIT MUST NOT BE DIMMED.

Positioning

The light source can be positioned on any flat surface, or screwed down to a solid wall. It is not advisable to position the unit vertically as shown below, as this can greatly reduce the lamps working life. The light source is only suitable for installation in a dry area unless it is housed in a waterproof IP enclosure.

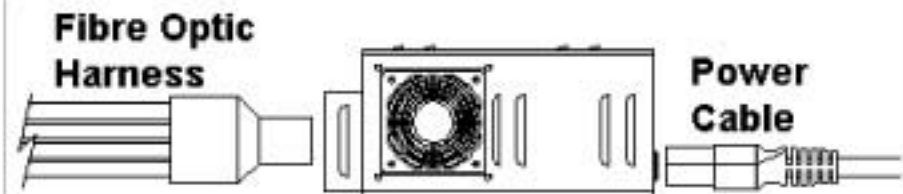


Installation Guide

Clearance

It is recommended that a gap of 300mm or more is left around the unit. This is to allow air to circulate and prevent overheating.

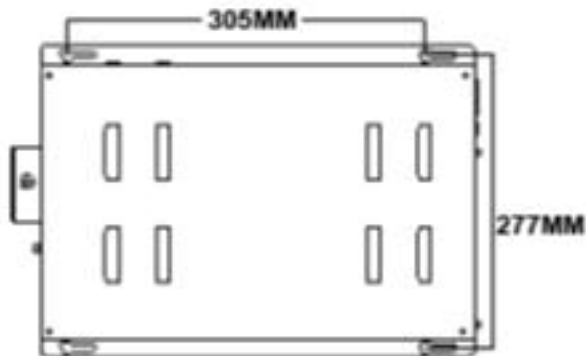
Connection



Operation

After installing and connecting the light source as described above, all you have to do is turn the power on. The lamp will take 3 - 4 minutes to reach full brightness. This is normal for this type of light source.

Fixing Dimensions



Maintenance



Please read the important safety information before performing any maintenance on the unit.

The 250 watt light source will require different amounts of routine maintenance, depending on the environment it is operating within. Any problems that cannot be resolved by following the advice in the maintenance and troubleshooting sections should be referred to your supplier.

Lamp Replacement

1. Disconnect the light source from the power supply and allow to cool for 10 to 15 minutes. The lamp gets VERY HOT.
2. Remove the cover from the light source.
3. The lamp is located near the rear of the light source. To free the lamp from its holder, gently pull the lamp forwards. DO NOT unscrew the brass holder as this will impair the light output.
4. Please dispose of used lamps in accordance with your local laws.
5. Fit the new lamp. DO NOT touch the lamp glass as this may cause it to EXPLODE. If you do, carefully clean with a lint free cloth and alcohol.
6. Replace the lid, and reconnect to the power supply.

Fan & Vent Cleaning

It is recommended that the fan and vents are checked periodically for blockages that could cause the unit to malfunction. If something is found to be causing an obstruction you should turn off the power and let the unit cool down for 10 minutes before handling. Once the unit is cool you should remove any large objects by hand, then vacuum out any small items and check the fan turns freely before re-applying the power.

Fuse Replacement

The fuse is located in a drawer underneath the mains input socket, it is in the back compartment. If you suspect the fuse has blown, you should disconnect the unit from the mains and allow it to cool for 10 minutes before handling. Open the fuse drawer, remove the blown fuse and replace with a good one. You will need a 5 x 20mm glass fuse, T 6.3 Amp. The unit comes supplied with a spare.

Troubleshooting Advice

Problem	Cause(s)	Remedy
Unit is completely dead	No power	Check power is on and unit is plugged in
	Fuse blown	Replace fuse
Neon & Fan are on, but no light	Lamp blown	Replace lamp
	Lamp too hot to strike	Allow unit to cool down for around 5 minutes.
	Thermal switch activated	Allow unit to cool down for 5 to 10 minutes and investigate the reason for overheating
Lamp going on & off randomly	Unit is overheating	See above
Poor light output	Lamp needs replacing	Replace lamp
	Unit needs cleaning	Clean reflector and glass lenses
	Incorrect power supply	Ensure power supply is 240v 50Hz
	Common end not plugged in correctly	Ensure common end is plugged in correctly, and that the screw is tightened up properly

Technical Specifications

Physical

Dimensions:	White: 395mm (L) x 291mm (W) x 170mm (H) Decorative: 410mm (L) x 291mm (W) x 170mm (H)
Weight:	9.5kg
Enclosure:	Sheet Steel
Finish:	Green Powder Coated

Power Requirements

Supply:	240v 50Hz
Current:	6.3 Amp at start up, reducing to 1.7 Amp when warmed up.
Fuse:	T6.3 Amp, 5x20mm on light source located in drawer beneath mains power inlet. Supplied with a spare. 5 Amp in supplied mains lead. <u>UNIT MUST NOT BE DIMMED.</u>

Lamp

- Philips 250 watt metal halide MSD/2
Actual Specification shown on unit. Check & replace with same type to avoid damage to unit.

Cooling

- 120 x 120 x 38 mm cross flow fan
- Although the unit has a fan, a gap of 300mm or more around the enclosure is recommended to let air circulate.
- For replacement fans, please contact UFO, quoting the serial number of the light source.

Thermal Protection

- Self reset thermal switch
- Maximum environmental temperature (ta): 40°C