

Altman Stage Lighting Safety Instructions & Warnings UV-250 Blacklight Floodflight



www.altmanlighting.com
57 Alexander Street, Yonkers, NY 10701
Tel: 1-800-4ALTMAN Fax: 914-963-7304

UV-250 Safety Instructions

WARNING! - TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY TO PERSONS, FOLLOW THE IMPORTANT SAFETY INSTRUCTIONS:

CAUTION! - RISK OF ELECTRICAL SHOCK, DO NOT USE EXTENSION CORD NEAR WATER OR WHERE WATER MAY ACCUMMULATE. KEEP FIXTURE AT LEAST 16 FEET AWAY FROM POOLS AND SPAS. KEEP PLUGS AND RECEPTACLES DRY. FOR USE ONLY IN GFCI PROTECTED CIRCUITS.

- 1-Turn off power, and allow fixture to cool before cleaning or servicing.
- 2-Ensure that fixture is properly grounded.
- 3-Do not look directly into the light source.
- 4-Keep away from flammable materials.
- 5-No user serviceable parts inside.
- 6-Do not operate the unit with a missing or damaged lens.

*******SAVE THESE INSTRUCTIONS*******

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UV-250 Maintenance

Altman recommends that the user maintain a log of operating hours and inspections/service.

Component	Cycle	Note
Lamp	500-1000 hrs (typ)	Refer to lamp manufacturers specifications. Replace lamp as directed, or when not striking. Old lamps that will not strike can cause ballast to continue trying to re-strike, eventually leading to ballast failure.
Socket	As needed	When changing lamps, check socket for physical and electrical integrity and if there are any signs of arcing replace the socket.
Electronic Ballast	None	No user serviceable parts inside.
Glass/UV Filter	Annually	Clean with mild soap and water. Use a lint free cloth to remove dirt and debris.
Chassis	Annually	Using compressed air, clean dust and debris from air vents etc.

UV250 Lamp Information

Technical Details

Lamp Code: MHL450

Manufacturer: Ushio

Type: Metal Halide

Watts: 450

Physical Characteristics

Shape: T5

Diameter (mm): 16.3MM

Ends: Double Ended

Arc Length: 31 MM

Base: R7S / RSC, Recessed Single Contact

Overall Length (mm): 105 MM

Color Characteristics

Spectral Output (nm): 300NM-450NM—UVA LIFE

Lamp Life: 500 Hours

Technology: HID / High Intensity Discharge

Process: Multi Spectrum

Volts: 140V

Burning Position: Base up +/- 10 degrees

These lamps can emit ultraviolet radiation that may be harmful to eyes and skin. These discharge lamps are not open fixture rated and should only be used in enclosed fixtures with ultraviolet absorbing filter glass. Do not operate these lamps if the ultraviolet absorbing filter glass is broken or not installed. For additional information on protection from UV radiation, visit the FDA website:

www.fda.gov/cdrh/radhealth/products/uburns.html

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UV250 Lamp Handling—Precautions for Safety & Use

Lamp Installation / replacement

Handling

- Only use the lamp in the equipment for which it is approved and only after reading and understanding the operating manual for such equipment. Do not make any other use of the lamp (otherwise it could cause lamp breakage or damage to the equipment)
- Do not touch quartz envelope with bare hands. If quartz envelope is dirty, wipe with alcohol-soaked clean cloth (otherwise it could cause lamp breakage or shorten lamp life).
- Do not subject the lamp to vibration or shock (otherwise it could cause lamp breakage or shorten lamp life).
- Do not subject the lamp to vibration or shock (otherwise it could cause lamp breakage or shorten lamp life).
- Do not throw away the original packaging and the protective cover if attached, as they will be needed in transporting or disposing of the lamp.
- Store the lamp in its original packaging and the protective cover if attached, as they will be needed in transporting or disposing of the lamp.
- Store the lamp in its original protective packaging and the protective cover.

Installation and Removal

- Before installing the lamp in equipment, make sure that there is no rust, burning or discoloration where electrical connections are made between the lamp and the equipment.
- Install the lamp in the correct polarity (otherwise it could cause lamp breakage or shorten lamp life).
- Install the lamp properly in the equipment, without twisting, bending or otherwise applying excessive stress to the lamp (otherwise it could cause lamp breakage, failure of the lamp to remain in place or shorten lamp life).
- Properly attach the lamp lead wire to the terminal, and without applying excessive stress to the lamp (otherwise it cause overheating or smoke).
- Remove the protective cover immediately prior to installation.
- Use proper care in installing or removing the lamp (otherwise it could cause lamp breakage or damage to the equipment).

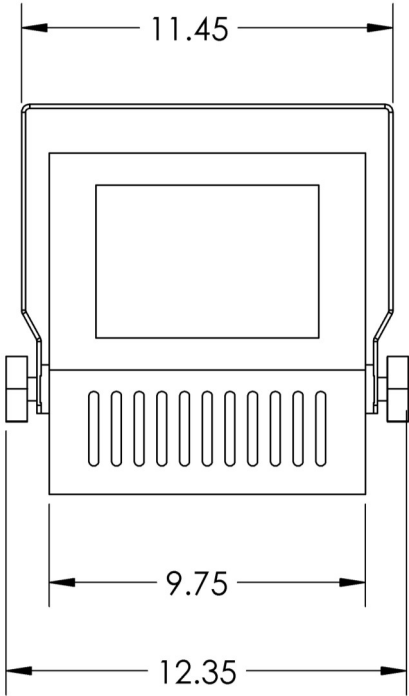
Use

- Do not use where volatiles are present (otherwise it could cause lamp breakage or damage to the equipment).
- When a lamp has been used longer than its rated life it must be replaced. The risk of lamp breakage increases the longer the lamp is used beyond its rated life in the application.

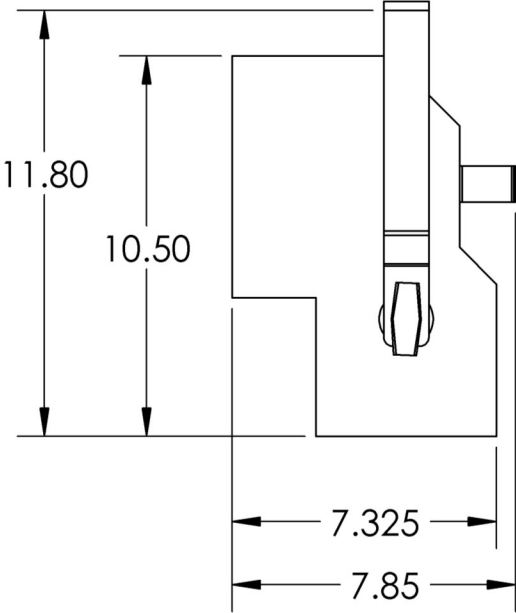
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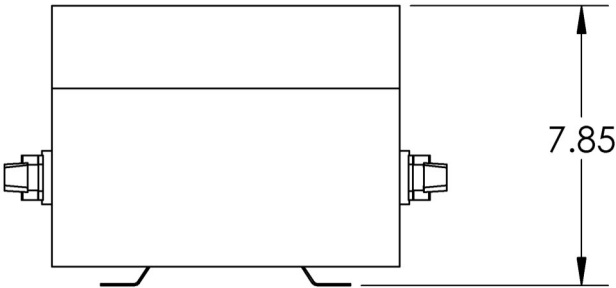
UV-250 Dimensional Drawings



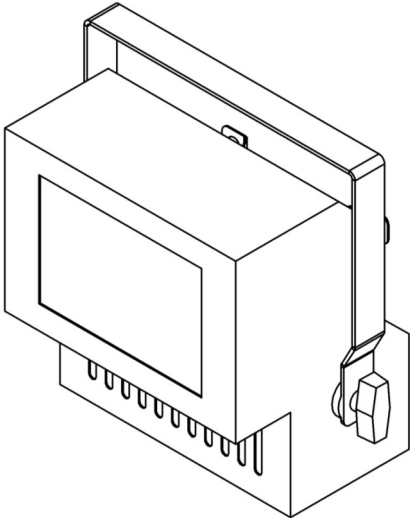
Front View



SideView

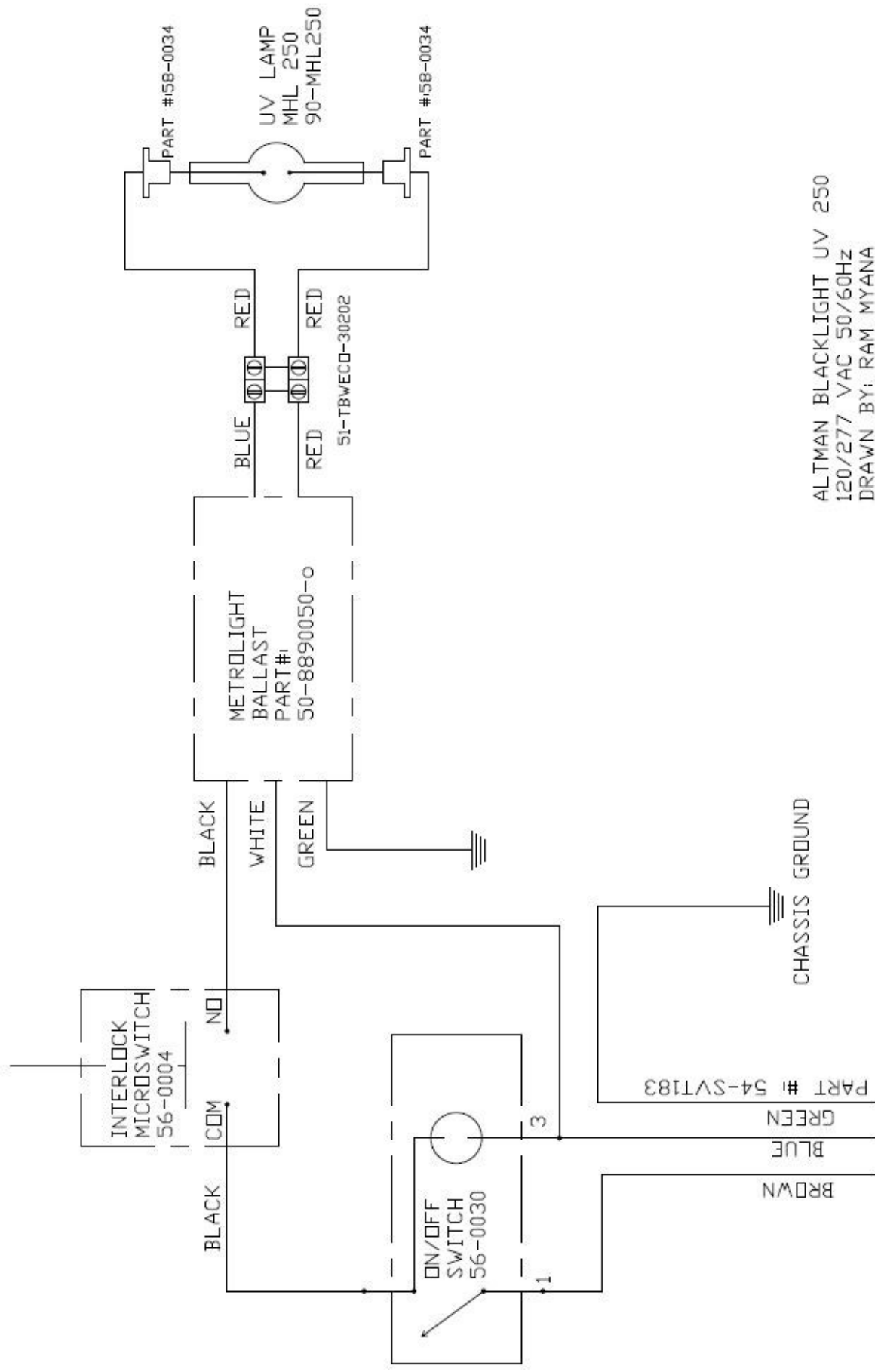


Top View



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ALTMAN BLACKLIGHT UV 250
 120/277 VAC 50/60Hz
 DRAWN BY: RAM MYANA
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