

PROLITE LUMINAIRES - OPERATING INSTRUCTIONS
FOR ALL LUMINAIRE TYPES USING
250W METAL HALIDE DOUBLE ENDED LAMPS

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1. SAFETY

Prior to opening any access door always ensure that the electricity is first turned off and that the fitting is disconnected from the power supply.

2. LAMP (Bulb) SELECTION

Do not touch the glass envelope of the lamp at any time. Contact with fingers can seriously reduce lamp life

Use only the lamp types nominated on the specification label.

3. LAMP INSERTION - PLEASE READ CAREFULLY DISCONNECT THE POWER SUPPLY FIRST

The Lamp-holders in these fittings have particularly tight connections and it is important that these instructions be followed:

- a) Fresnels & P/Convex Units - Slide the Lampholder Assembly to the rearmost position before opening the unit.
- b) All Units - Using both hands, hold the ceramic lamp ends firmly between the middle finger and thumb and APPLY FIRM PRESSURE WHILE SIMULTANEOUSLY WIGGLING THE LAMP UNTIL IT CLICKS INTO POSITION - **DO NOT USE FORCE.**
- c) **TIP:** Moisten the Lampholder contacts with saliva if you are having difficulty with insertion.
- d) Ensure that the lamp is fully seated and square in the Holders.

4. FRESNELS & P/CONVEX UNITS - ADJUSTMENT & FOCUSING

The positioning of the Lamp determines the spread of the beam, which is varied by sliding the Button Knob Located under the unit forward for a wider spread or backwards for a narrower beam.

5. VARIABLE BEAM PROFILES

5.1 LAMP ADJUSTMENT

The positioning of the Lamp is critical for maximum performance and adjustments, when necessary, are achieved via the Button Slider Knob Located on the Top of the Lamphouse.

The intensity of the Beam can be varied by sliding this knob to give the desired result, preferably while observing the effect with the light being projected onto a flat light coloured area.

Positioning of the Lamp also affects Gobo projection (see Focus below) and slight adjustments should be tried when using Gobos.

5.2 FOCUSING & BEAM SHAPING (PROFILES)

The 2 Slider Knobs located on the Lens Tube are used to vary the size and sharpness of the beam and to focus the image when projecting a Gobo (Pattern). **The front knob determines the image size and the rear knob is used to focus the beam edge.**

Four (4) Shutter Blades (Beam Shapers) are supplied with each unit (packed in the Lamphouse) and, if required, should be inserted into the slots in the Shutter Assembly located between the lens Tube and the Lamphouse, so that 2 blades are to the rear of the

Gate (the thickest plate in the Shutter Assembly) and 2 in front. The blades should be inserted with the dimple away from the Gate.

A GOBO HOLDER/IRIS slot is located in the Shutter Assembly, on the upper side of the unit. Ensure that the Holder or Iris Mounting Plate is inserted accurately into the appropriate receptacles which can be seen inside the aperture, **so that the Gobo or Iris is facing towards the rear.**

6. MAINTENANCE - DISCONNECT THE UNIT FROM THE POWER SUPPLY FIRST

Lenses: Periodic cleaning is required, using a soft cloth and domestic type glass cleaning liquid, with the time intervals depending on the operating environment.

Reflector: Periodic cleaning is necessary as per the above instructions for the lenses - **DO NOT USE ABRASIVE TYPE POLISHING COMPOUNDS.**

Exterior: The exterior of the Luminaire should be cleaned with a well diluted liquid soap solution and then wiped dry. No other maintenance should be necessary.

Electrical: PERIODICALLY CHECK CABLE, PLUG AND ASSOCIATED WIRING FOR ANY SIGNS OF DAMAGE AND HAVE AN ELECTRICIAN REPLACE NECESSARY ITEMS IMMEDIATELY. SCHEDULED INSPECTIONS BY AN ELECTRICIAN ARE RECOMMENDED.

Burning-in: Some smoke may be evident when first using the unit, which is normal, however, it is advisable to carry out the cleaning procedure described above, as soon after the first 5 hours of operation as possible.

7. WARRANTY

PROLITE Luminaires are guaranteed for a period of twelve months against defects arising out of ordinary, NON-HIRE, usage, subject to such defects resulting from faulty materials or workmanship only.

Iris are guaranteed for a period of six months only against defects arising out of ordinary, NON-HIRE, usage, subject to such defects resulting from faulty materials or workmanship only and subject to the Iris not having been forced during operation. THE WARRANTY ON ANY IRIS WILL BE VOIDED IF FORCE IS APPLIED AND SCRATCHING/BUCKLING IS EVIDENT. Should seizing occur when in use only minimal distortion or buckling will be evident if force is not applied.

Lamps (bulbs) are specifically excluded from the operation of this warranty and any replacement of these items will be at the sole discretion of PROLITE in all circumstances.

This warranty includes labour and materials, but specifically excludes return transport costs to the factory, which transport costs will be the responsibility of the purchaser.

PROLITE will not accept liability for any costs incurred for rectification of any faults whatsoever by third parties, unless such work has first been authorised, in writing, by PROLITE.

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