

**PROLITE LUMINAIRES - OPERATING INSTRUCTIONS**  
**LOW VOLTAGE UNITS**

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2. Lamp (Bulb) Selection & Changing
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4. Coloured Filters & Barndoors
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#### 1. SAFETY

Always disconnect the Luminaire from the Power Supply before changing Lamps (Bulbs) and ensure that only qualified personnel carry out repairs to electrical components.

Ensure that only a Low Voltage Luminaire equipped with an Integral Transformer is connected to a 240V supply - these units can be identified by looking into the back of the fitting where it should be possible to see a grey plastic transformer casing.

If no Transformer is visible then the unit should only be connected to a 12V supply.

#### 2. LAMPS (Bulbs)

##### SELECTION OF LAMPS

###### SPOTS (No Lenses)

Use any 12v Lamp with a Wattage of between 50W and 70W

###### PROFILES (2 Lenses)

Use only 12V 50W OSRAM 46870SP 10deg TITAN DECO STAR or  
12V 65W OSRAM 46880SP 10 deg TITAN DECO STAR

Incorrect Lamp selection can have the effect of reducing performance by over 50% with no focusing ability.

##### CHANGING LAMPS

To carry out a Lamp Change, simply hold the front and back sections of the light and gently "wiggle" them while simultaneously pulling the 2 halves apart.

#### 3. FOCUSING, BEAM SHAPING & GOBO PROJECTION

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 and if Beam Shaping is required they should be inserted into the slots provided in the Shutter Assembly. While there are actually 4 slots on either side of the Gate, only 2 will hold the Blades firmly, however, it will be obvious if the incorrect slots are selected.

A GOBO HOLDER slot is provided immediately in front of the Shutter Assembly and directly behind the Lens Focusing Knobs, on the upper side of the unit, which is used to accommodate either Stainless Steel or Glass Gobo's in the appropriate Holder which is available as an optional extra.

#### 4. COLOURED FILTERS & BARNDOORS

**Coloured Filters** - Either 50mm round standard Gel or Dichroic Glass Filters can be used in these units. To install the selected medium, remove the 2 Thumb Screws from the front of the fitting, insert the medium and re-attach the Holder Ring.

**Barndoors (for optional use with SPOTS only)** - This item is also attached to the front of the Luminaire and is secured by the 2 Thumb Screws - **ensure that the Gel Holder Ring is in place between the Barndoor Mounting Plate and the body of the Luminaire.** A selection of mounting holes is provided so that the Barndoor can be attached in a variety of positions. Simultaneous use of a Barndoor and Colour Filter are intended.

#### 5. 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. To remove the Lenses it is necessary to unscrew the front Casting from the Luminaire, which allows the lenses to slide out. **When re-installing, ensure that the curved surfaces face towards each other.**

**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.

#### 6. 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.

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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