

## INSTRUCTION DATA

PRODUCT: **USE & SAFETY TIPS**

VER: **1.0**

DATE: **OCTOBER 2006**



1. DO NOT leave light connected to a power source when not in use.
2. DO NOT place light face down on ANY surface. If the light is switched on the intense heat generated may ignite the surface and cause a melt down of the lamp body.
3. Ensure all electrical connectors are secure - loose connections will generate excessive heat, damage wiring and cause electrical failure.
4. The outer lens should be washed clean with copious amounts of water and a clean sponge. Wiping it with a dry rag will scratch the lens, especially if the surface is dusty. NEVER clean the light with cleaning fluid or solvent.
5. DO NOT attempt to clean the inside of the light or touch the inside lens and reflector.
6. LIGHTFORCE handheld lights may be used in either polarity as they are not earthed via housing.
7. LIGHTFORCE lights are not designed to be used for long periods of time in a stationary position with minimal airflow, failure to comply will void warranty. Contact LIGHTFORCE direct to discuss alternative options such as reducing globe wattage.
8. GLOBE REPLACEMENT: The Xenophot® globe gives approximately 10% greater efficiency than any other Halogen globe of similar voltage. A number of optional globe strengths are available upon request. For removal, simply:
  - a) Rotate the reflector housing anti-clockwise to disengage it.
  - b) Remove old globe by gripping firmly and pulling out in the long axis direction of the globe.
  - i) DO NOT TOUCH NEW GLOBE WITH FINGERS, use a tissue or plastic sleeve. Prior to inserting a new globe, scrape the globe legs with an abrasive surface (sandpaper or knife edge) to ensure positive contact with the globe holder electrodes.
  - ii) Position the globe legs firmly into the fixed electrodes of the globe holder, applying a firm pressure towards the rear. AVOID jerking or twisting movements. NOTE: Globe can only be moved to the left and right NOT up and down.
  - iii) Mere placement of the globe into the globe holder is often not sufficient to give a properly fine tuned beam. The operator can overcome this by aligning the split line along the top of the rotation locking NIB and the split line on the end of the handle with the centre of the globe filament. (see Fig.1)
  - iv) Please note: when fitting a 12v vertical filament globe to your RSM, leave 3 -4mm clearance between the globe holder pins and the base of the globe, this will allow optimal focusing ability. The 12v 75W vertical filament globe is standard in RSM140 & RSM170 model lights.



Fig.1



Fig.2

- v) All other globes should be seated against the globe holder with little or no air gap.
  - vi) Maximum globe wattage recommendation:

<b>140 LANCE:</b>	<b>12V 75W</b>
<b>170 STRIKER:</b>	<b>12V 100W</b>
<b>240 BLITZ:</b>	<b>12V 100W</b>
<b>PREDATOR:</b>	<b>12V 30W</b>
<b>ENFORCER:</b>	<b>12V 35W</b>
- Note: USING GREATER WATTAGE WILL VOID WARRANTY**
9. FOCUSING MECHANISM: The patented focus mechanism allows precise adjustment of the beam to various concentration patterns as desired. Simply rotate the reflector and select the desired SPOT (not applicable for Predator & Stubby light models).
  10. Shortening cable length can be responsible for VASTLY shortening globe life.
  11. Ensure during use reflector surface is not wound too far forward past the globe holder or melting of the housing can occur and will not be covered under warranty.
  12. We recommend wiring RM lights with a minimum 10 amp wire.
  13. LIGHTFORCE AUSTRALIA PTY LTD shall not be liable for damage, malfunction, failure resulting from accident, misapplication, misuse, unauthorised repair, neglect, modification, unauthorised or non standard replacement parts, accessories, globes, batteries or voltage or the operation of the product beyond its technical and environmental specifications. The purchaser acknowledges that local laws may prohibit the use of some of the product on motor vehicles travelling on public roads and agrees that it is their responsibility to ascertain the effect of local laws.