

## Specific Equipment

### 14/16ft Flood light

- Do not touch bulb with bare skin.
- Ensure bulbs are cool before removing.
- Ensure the lighting stand is secure and undamaged.
- Do not place lamp stand feet on the cable.

### Plasterers Light

- Dispose of bulbs according to legislation.
- Ensure the lighting stand is secure and undamaged.
- Do not place lamp stand feet on the cable.
- Always keep the safety cage in place when using.
- The power take off points are only to be used for linking units and must not be used for power tools.

### Defender Up Lighter

- The unit can be suspended using the eyelets attached to the correct anchorage points.
- Ensure the unit is secure. Do not suspend anything from the unit.
- If the unit is used horizontally ensure that it sits on all four stabilizing feet.
- From a 2.5kVA power source and with 5mtr spacing between, 46 units of the 4' 36W model can be linked or 85 units of the 2' 18w units.
- When linking units only use units of the same size, do not mix 4' and 2' units.
- The power take off points are only to be used for linking units and must not be used for power tools.

### 1000W Halogen with magnetic base

- Do not touch bulb with bare skin.
- Ensure bulbs are cool before removing.

- Ensure magnetic connections are secure when placing the lights.
- Ensure cables are not hanging free and are supported.

### Tower Light

- Ensure that site for unit is firm and level.
- Ensure that there are no overhead cables in the vicinity.
- Ensure that tow hitch stand and outriggers are down and secure before attempting to raise mast.
- Keep all body parts clear of the mast structure and mechanism when raising or lowering.
- When mast is raised check that locking pin is in position and secure.
- Check unit regularly to ensure that it remains level.
- In high winds lower the mast as much as possible.
- Do not use the unit if any electrical components or cables are damaged.
- Bulb replacement must only be carried out when the unit is turned off. Refer to your local depot.
- When not in use lower the mast to lowest position.
- Never attempt to move the unit when the mast is raised.
- Always fully lower the mast before moving.
- Extreme caution must be shown for overhead hazards, look out - look up.
- Always recheck the area above the tower light before rising.
- Keep tower light at least 9 metres away from power cables supported on wooden poles and 15 metres away from power cables supported on metal poles or pylons.

**! Please read these instructions before using this equipment.**

We thoroughly check all of our equipment prior to despatch using comprehensive pre-hire checklists.

All equipment is serviced regularly and our local engineer will contact you to arrange on site servicing or maintenance in accordance with our scheduled maintenance programme.

PPE is required for the safe operation of this equipment. As a minimum we advise the following items.



**Always ensure you wear the correct PPE required by the task.**

**Your Safety Is Our Priority.**

### Watch our safety videos

You can watch our safety videos on our website or app. Alternatively, scan the QR code with your mobile phone to watch the safety video for this equipment.



**Your Essential Guide**  
Lighting

### Further Information

Copies of this guide are available on our website or from your nearest depot.

Please contact your local depot for;

- Service or repairs
- Replacement operator manuals

### Contact Us

**0844 3722200**    **nixonhire.com**

## ● General Information

**These safety guidelines are intended as a guide for experienced operators.**

- Detailed operating instructions relative to a specific make or model of equipment are available on request from your nearest depot.
- The operator manual and safety instructions must be read before operating this machine.
- The operator manual can be found in the designated storage compartment of the machine. If it is not there contact the nearest depot for a replacement.
- It is a criminal offence to smoke or allow smoking in this machine.
- Only use the machine for the purpose intended.
- Never attempt to modify or convert the machine.
- Only use competent, trained personnel to drive the machine.
- Do not ignore safety regulations relating to this machine.
- This machine must only be operated with fully functional safety equipment.
- Ensure you obey any age limitations relating to your site before using this machine.
- Always obey legislation relating to this equipment.
- Anyone with a disability should seek expert advice before operating this machine.
- Do not use this machine if under the influence of drugs or alcohol.
- If using prescribed medication, seek advice from a Doctor before using this machine.
- All safety decals and signs must be in place and obeyed at all times when using this machine.
- Ensure the work area is clear and safe and that no one is nearby or could distract you.
- Before starting equipment, ensure all controls are understood, in particular the stop procedure.
- After use, store the equipment safely and securely away from minors.
- **Has a risk assessment been performed for the task you are to commence?**

## ● Daily Checks

**The operator should carry out the following daily checks before operating this machine;**

### **Lighting General**

**Voltage:** Correct for supply.

**Light unit:** Splits, cuts, cracks.

**Glass \ Diffuser:** Undamaged, present.

**Sockets:** Undamaged, covers function, leaks.

**Bulbs:** Operational.

**Controls:** Operate correctly.

**Lighting base \ stand:** Undamaged, correctly set up, fixtures and fastening secure and operational.

**Cable connection:** Tightness.

**Cable condition:** Undamaged, one single cable run, no joints.

**Cable run:** Safe, dry, protected where required.

### **Tower Lights**

**Tyres:** Splits, cuts, pressures, tread.

**Wheel Nuts:** Tightness.

**Brakes (if fitted):** Function, leaks.

**Safety Guards & Locking Pins:** Undamaged and correct pins.

**Towing Eye:** Check for damage and security.

**Safety guards and locking levers:** In place and operational.

**Breakaway cable:** Undamaged and clip present.

**Controls:** Function correctly, are not slippery and are clear of debris.

Ensure that all safety decals are in place and can be read clearly.

**Structure:** Condition of body and chassis.

**Secondary hitch (if fitted):** Undamaged.

**Jockey Wheel:** Undamaged and operational.

**Sockets and switches:** Undamaged.

**Tower mast:** Operational and undamaged.

**Winch cable:** No corrosion or frays, undamaged.

**Light heads and cables:** Undamaged, bulbs working.

## ● Operation

- This equipment should only be used by a competent person.
- Make sure that you know how to switch OFF the equipment before you switch it ON.
- Always switch OFF at the power supply and unplug the unit when not in use and before cleaning.
- Always unplug the unit from the power supply before moving or repositioning it.
- Ensure the cable is coiled to prevent a trip hazard when repositioning it.
- Check all equipment is free from damage before installing.
- Never use damaged electrical equipment.
- Only use the correct rated units for the designated power supply.
- Do not work near flammable gases or liquids.
- If the unit is to be positioned horizontally on the ground, ensure that it does not pose a trip hazard.
- Ensure the cable does not present a trip hazard.
- Ensure cable runs are set out in dry locations.
- Ensure the cable is fully unwound before use.
- Never attempt to remove the plug from the mains supply by pulling on the power cord.
- If a fault occurs to not attempt to repair the unit, contact your nearest depot for assistance.
- A daily inspection of the unit is recommended to check for any physical damage or abrasions to the power cable.

### **Refuelling**

- Take care when refuelling.
- Do not inhale fuel fumes.
- Shut down any auxiliary equipment.
- Do not refuel in closed rooms.
- Do not refuel next to open fires.
- Do not smoke when refuelling.
- Do not spill fuel.
- Catch any over filled escaping fuel.
- Clean any fuel spillages immediately.
- Ensure the fuel tank cap is replaced after refuelling.
- Fuel leaks are dangerous, repair leaks immediately.

### **Parking**

- Park the machine on firm level ground.
- Apply the parking brake.
- Secure the machine against unauthorised use.
- Chock wheels if no brakes fitted.
- Disconnect hoses and tools when not in use.

### **Towing**

- Ensure that the vehicle's towing capacity is sufficient to tow the unit safely.
- Check the tow bar and coupling.
- Connect lighting cable to towing vehicle if applicable.
- Do not tow unless the mast is in the stowed position.
- Check correct operation of all lights.
- Raise Jockey wheel or prop stand fully and lock to position.
- Ensure breakaway cable is secure to towing vehicle.
- Attach secondary coupling if fitted.
- Release the handbrake.