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## Technical Data

### DO'S AND DON'TS

#### TO MAKE THE BEST USE OF A DRAMA STUDIO AND STAGE AREA

- DO Clean your equipment regularly to obtain maximum efficiency: wipe lens and reflectors with a damp cloth.
- DON'T Clean or service lighting units without first checking that the equipment is switched off, preferably unplugged.
- DO Check before each production to see that all spotlights are firmly fixed in position and fitted with a safety chain.
- DON'T Change lamp bulbs with the luminaire connected. Always unplug first.

#### WARNING

If your lanterns are fitted with tungsten halogen lamp bulbs, do not handle the lamp bulb with bare hands. Take out or replace using a soft clean cloth, or in the case of a new lamp bulb, use polythene glove provided in the lamp box.

- DO Check to see you have spare bulbs and fuses of the right type always to hand.
- DON'T Make temporary suspensions with rope or string. (They always become permanent and the string or rope could dry out, become brittle and break). Use approved pattern equipment; chain, clamps, etc.
- DO Check your colour filters and renew regularly. (They will not last for ever).
- DON'T Use spotlights without colour filters in order to improve light output from the units. Colour will enhance costume and scenery, making the scene brighter.
- DO Check your curtains and scenery regularly (approximately every six months) to ensure that they are still flameproof. Your local Fire Prevention Officer can advise on this.
- DON'T Hang extra equipment from bars, barrels or joists over the performance area without checking that they will carry the extra load imposed on the structure.
- DO Ensure all circuits on your lighting control system are wired with the correct rated fusing (cartridge or fuse wire).
- DON'T Make temporary connections to lighting points or luminaires with domestic lighting flex. Always use the correct cable if an extension is necessary.
- DO Make sure that electrical equipment is all wired and connected to earth terminals in the correct sequence according to the British Standard colour code.

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- DON'T** Allow the wire hauling rope on your curtain tracks to go slack. Try to adjust tension from time to time.
- DO** Remember that often when a bulb fails at the end of its life it could blow the appropriate lighting control fuse, so check this when the lamp is replaced.
- DON'T** Leave your lighting design until the last minute. Prepare ahead and consult all parties involved with the production.
- DO** Check and rearrange your spotlights to suit each individual presentation. Teaching the spotlights may be difficult, but the resulting re-alignment will prove well worthwhile. Always make sure your ladder or tower is safe and secure.
- DON'T** Move spotlights about the stage too often with the lamp bulb switched on. When hot, the filament becomes more brittle and, therefore, liable to break, resulting in premature failure. (Remember lamp bulbs cost money). Smooth movement without jerks when panning and tilting help. Rough positioning can be done without the lamps switched on.
- DO** Give students and other an opportunity to work out lighting designs and handle the equipment. It should never become only one person's speciality; he or she may be ill when you most need them. Always try to have other people on hand to help. Always remember that a qualified adult must be present to meet the legal requirements with regard to safety.