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## Technical Data

### LIGHTING REQUIREMENTS FOR DRAMA IN EDUCATION

In order to consider lighting requirements for drama in education it is first necessary to define the aims which we wish to satisfy when the equipment is installed and working, as such aims will form the basis of our overall plan. Therefore, taking into consideration public play performances, displays, teaching drama, dance and movement. It can be shown that all these situations require the fulfilment of the following common factors, which in turn will form the lighting brief:-

1. We require to illuminate a definite area in which a display of movement or acting may take place.
2. We need to ensure action in the area can be seen by others outside the area and that the lighting used produces the minimum amount of shadow.
3. Lighting effects can be created to help obtain an atmosphere in sympathy with the acting or movement.
4. We will wish to vary the intensity of the lighting to emphasise one part of an area and not another.
5. The equipment provided must be arranged in a simple but, safe manner allowing ease in operation and erection.

Once our aims have been established we then need to examine the area selected and its limitation. These are basically:-

- a) The size of the area to be used which in turn determines the number of luminaires.
- b) The capacity of the electrical supply available which also determines the number of luminaires that can be used.
- c) The position of an audience if any, which in turn will to some extent fix the positioning of the equipment that we require.