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Technical Data

USE OF COLOUR

Colour filters are used to colour the white light produced by the luminaire. Colour filter is cut from a larger sheet and inserted in the colour frame located at the front of each luminaire. The use of colour filters in our spotlights will enhance the apparent brightness of costume and scene e.g. a tint of red will cause red or similarly coloured materials and paints to appear darker. Thus while the actual light intensity would be less, the visual appearance will seem to give a brighter effect. Because at all times we wish to ensure maximum light output, we would only use coloured tints in our spotlights to take advantage of the above effect and at the same time maintain maximum intensity of light output. Obviously, the deeper the colour filter used, the less light intensity is available, and as a general rule of thumb, the paler tints should be used in spotlights and the strong colours used in the floodlights.