

Coloured Lighting

Glass tubes filled with gases that produce coloured light are used in decorative lighting for shops, advertising or party-lights in the home. Neon and other noble gases, such as argon and krypton are used for this. Coloured lighting is not really suitable for the home or work where white light is needed.

Project:

- Materials needed - Lamp and several coloured light bulbs. (red - yellow - blue - green - orange)
- What to do - Sit in a dark room (preferably at night) and switch on the coloured light. Try to read a book in this light. Only read for a few seconds at the time and write down on a scale from 1 - 10 the difficulty level at reading using the coloured light. Repeat the same procedure swapping the coloured light bulbs.

1 = easiest reading level

10 = hardest reading level

Coloured light bulb used	Reading difficulty level on a scale from 1 - 10