



Color Separation from a Fluorescent Light

David Bediz

1st place, contrived category, 1995

Some fluorescent lights produce two different colors that peak in intensity at slightly different times. Under normal viewing conditions, the colors blend to produce white light. An object vibrating at certain frequencies can separate the colors. This photograph was set up to do that. It shows the blurred motion of the white plastic ball on the end of a sewing needle. The sharp tip of the needle was clamped in a vice. The position at which the needle was clamped was adjusted to produce a frequency of oscillation that would show the color separation. .