

A recent observation of light travelling through a medium

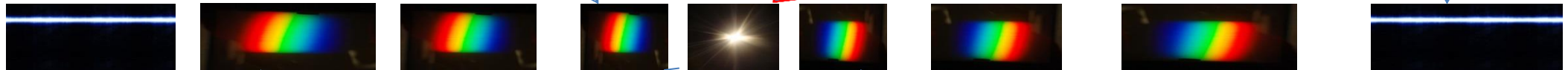
? Various wavelength(s) seem to be stretching as they move away from the light source.

Could the packets directly after the light source be initially compressed, before stretching out to normal wavelengths?

? Gaps suggest that individual light packets are being emitted?

? The light waves eventually mix (as a result of them travelling at different speeds in the medium), becoming white light if the medium has a big enough area?

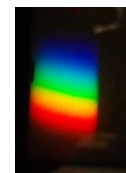
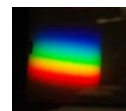
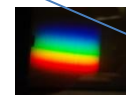
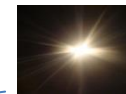
Source
of
White Light



? Appears to be a bottom-up view (i.e. various wave lengths layered over each other). The longest wave length (red), is on top and stretching the full length of the packet?

? Appears to be single light packet leaving the light source at a fraction of the speed of light, and accelerating outwards to full speed?

? The arrow(s) indicate that the packets are accelerating away from the light-source, on all sides?



NOTES

- The visual (of this diagram) can be repeated **at random**.
- The visual observation can be photographed, but is not as clear as presenting this reconstructed diagram.