



Sacred Spaces



What Is Light?

by Toni Elizabeth Sar'h

While light is most often defined as *electromagnetic radiation visible to the human eye*, it is also defined as *photon wave particles carrying radiant energy* (seen or unseen). In this article, we will examine light from the standpoint of the latter definition since the former is a subset of the latter.

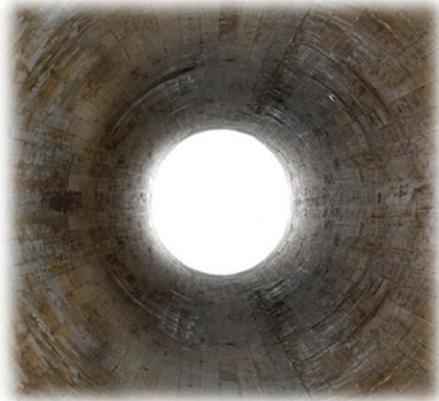
Let's backtrack to the 17th century – Isaac Newton maintained that light is composed of particles. Christiaan Huygens taught that light consisted of waves. Newton used prisms to show how light could be split into different colors fortifying his concept of particles. Huygens compared light to throwing a stone in a pond and watching the waves ripple outward. He suggested that instead of water, light would travel within luminiferous ether.

Entering in the 1800's is the double-slit experiment: Here I will quote David Darling who explains this experiment perfectly. For more information, see www.daviddarling.info -

“If light were made of waves, then from a very narrow opening in its path it should head out as a series of concentric, circular ripples.

“To grasp this idea, imagine a long rectangular trough of water. Halfway down the trough is a barrier with a small hole in it.



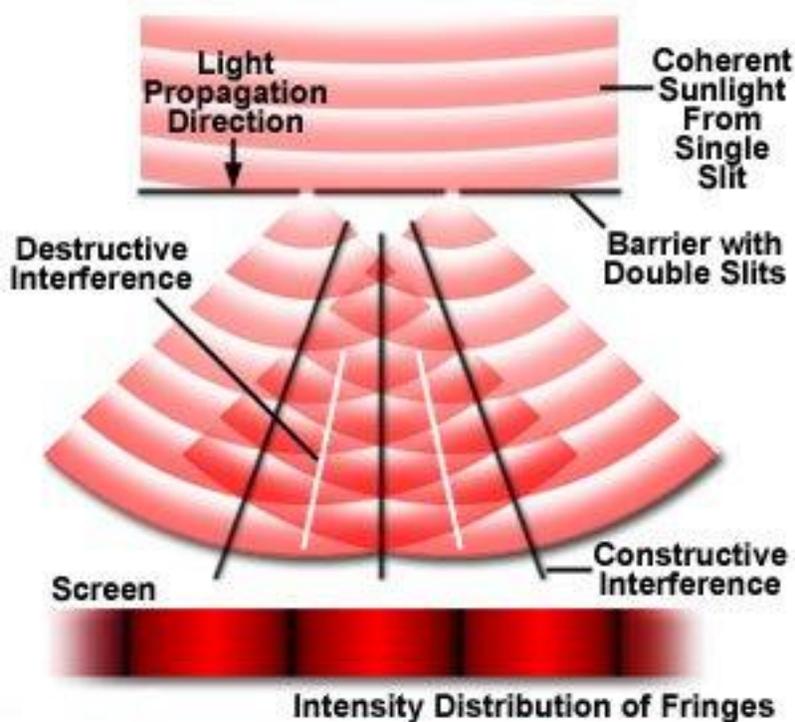


“Straight, parallel waves, like the lines of waves marching toward a shore before they break, are created by moving back and forth a plank of wood at one end of the trough. When a wave reaches the barrier, it is stopped dead in its tracks – except for at the small hole. This opening serves as a new source of waves, but of expanding circular waves, as if a pebble had been dropped into the water at that point.”



“On the side of the tank beyond the barrier, the secondary waves fan out, circles within circles. Now suppose there are two little holes in the barrier across the water tank. Both act as sources of circular waves. What's more, these waves are exactly in step – in phase, to use the scientific description – because they've come”

from the same set of waves that arrived at the barrier. As the circular waves spread out from the two holes, they run into one another and interact. They interfere. Where two crests or two troughs coincide, they combine to give a crest or trough of double the height. Where a crest meets a trough, the two cancel out to leave an undisturbed spot. Drop two pebbles of equal size close together in a pond and you'll see an instant demonstration. The result is an interference pattern.



“Thomas Young carried out the equivalent of this water wave interference experiment using light. In a darkened room, he shone light upon a barrier in which there were two narrow, parallel slits, within a fraction of an inch of each other. Then he looked at the outcome on a white screen set further back. If light were made of particles, as Newton claimed, the only thing showing on the screen ought to be two bright parallel lines where the light particles had shot straight through. On the other hand, if light, like water, were wavelike, the secondary light waves spreading out from the two slits should create a pattern of alternate dark and light bands, where the light from the two sources respectively canceled out and amplified. Young's result was literally black and white: a series of interference bands. His double-slit experiment argued powerfully in favor of the wave model of light.”

Now apply this explanation to electromagnetic waves of radiation that we are calling light and you will begin to understand radiant energy. Since the human form (physical, mental, emotional) is composed of electromagnetic waves of radiation (easily measured), you are light within this dimension.

The idea of “being light” is often used with heavily spiritual overtones as in, “She is a light being”; “He is a lightworker”. When you realize that all is light then the use of these specifics make much less sense. You are light. You are an interference pattern of light. The quality of that light is divine. The specific significance of the light is only based upon the interpretation you give the various aspects of your life.

Electromagnetic radiation carries energy (radiant energy). Energy is defined as “the ability to do work”. So, a human being may be called a “light worker” yet the connotation as being unique or special does not apply. Every human being is a “light worker” because every human being is radiant and able to do work.

When you accept the commonality of being light rather than making it something special or an aspect that only some human beings are capable of experiencing in form, you align yourself with Source Consciousness – that Divine Conscious Awareness that knows no specifics (right or wrong; good or bad). You remove judgment from the equation. You clarify your alignment as radiant energy. Your light becomes clearer to you. You live your life through the lens of light.

Therefore, as an observer of light in form, you will see only light in your life. No longer will you yearn to be able to understand enlightenment since you are living *as* enlightenment. It is a state of consciousness, a state of being. Accepting it **now** allows transformation in all of your parallel lives. Hence, you know that you have always been light, are light and will always be light – outside of time – infinitely.

