

Scientists have been forced by their own discoveries to admit that the universe had a beginning. Much has been discovered about the fitness of light. How might the fitness of light provide evidence that God created the universe?

“In the beginning God created the heavens and the earth.... Then God said, ‘Let there be light,’ and there was light.... Then God said, ‘Let there be lights in the expanse of the sky to separate the day from the night. They will serve as signs for festivals and for days and years. They will be lights in the expanse of the sky to provide light on the earth.’ And it was so. God made the two great lights—the greater light to have dominion over the day and the lesser light to have dominion over the night—as well as the stars. God placed them in the expanse of the sky to provide light on the earth, to dominate the day and the night, and to separate light from darkness. And God saw that it was good.” (Genesis 1:1,3,14-18 CSB)

The electromagnetic radiation of the sun is restricted to a tiny region of the total electromagnetic spectrum—this is in the tiny band of utility to life—but virtually none in those regions of the spectrum which are harmful to life. Both useful types, visible and infrared back to back, adjacent in spectrum. This very same infinitely minute region is precisely what is required for life.

The atmospheric gases oxygen, nitrogen carbon dioxide and water vapor transmit 80% of the sun’s radiation in the visible and near infrared and allow it to reach the earth’s surface. These atmospheric gases are opaque to all regions of the spectrum except this tiny region.

According to microbiologist and author Michael Denton, *“we should indeed be awed and staggered by this series of coincidences: that the electromagnetic radiation of the sun should be restricted to a tiny region of the total electromagnetic spectrum, equivalent to one specific playing card in a deck of 10^{25} cards stretching across the universe; that the very same infinitely minute region should be precisely that required for life; that the atmospheric*

gases should be opaque to all regions of the spectrum except this same tiny region, etc. It is as if a card player had drawn precisely the same card on four occasions from a deck of 10^{25} ."

Even without these coincidences, the sun's radiation reaching earth's surface has remained virtually constant throughout the past four billion years. If it had not, life could not have survived.

**"Can you fasten the chains of the Pleiades
can you loosen Orion's belt?
Can you bring out the constellations in their seasons
or lead out the Bear with its cubs?
Do you know the laws of the heavens?
Can you set up God's dominion over the earth?" (Job 38:31-33 NIV)**

"For it is written: 'I will destroy the wisdom of the wise; the intelligence of the intelligent I will frustrate.'" (1 Corinthians 1:19 NIV)

As you can see, the probability of any one of these events occurring randomly, or by chance, is so remote as to make it virtually impossible. But, the probably of combining all of these forces together accidentally to produce anything at all is way beyond any realm of even the remotest possibility.

Atheists like to try imagine the probability that God exists, and they string together various factors, some which are speculative at best, that make it to appear that the probability that God exists is virtually zero. Yet, when scientific proofs, not speculations, nor assumptions, but proven facts, are used to show that the probability of there being a Creator at 100%, atheists cry foul! Believers in a Creator are armed with a vast array of scientific facts that they can, one of which is the fitness of light, and do, use to support the Biblical truth of Creation. You can tell by atheists' dodging these facts that they are on the run. As the saying goes, they like to dish it out, but they can't take it.

“Where is the wise person? Where is the teacher of the law? Where is the philosopher of this age? Has not God made foolish the wisdom of the world?” (1 Corinthians 1:20 NIV)

The fitness of light is just one of innumerable scientific evidences that God created the universe (**Genesis 1:1**).