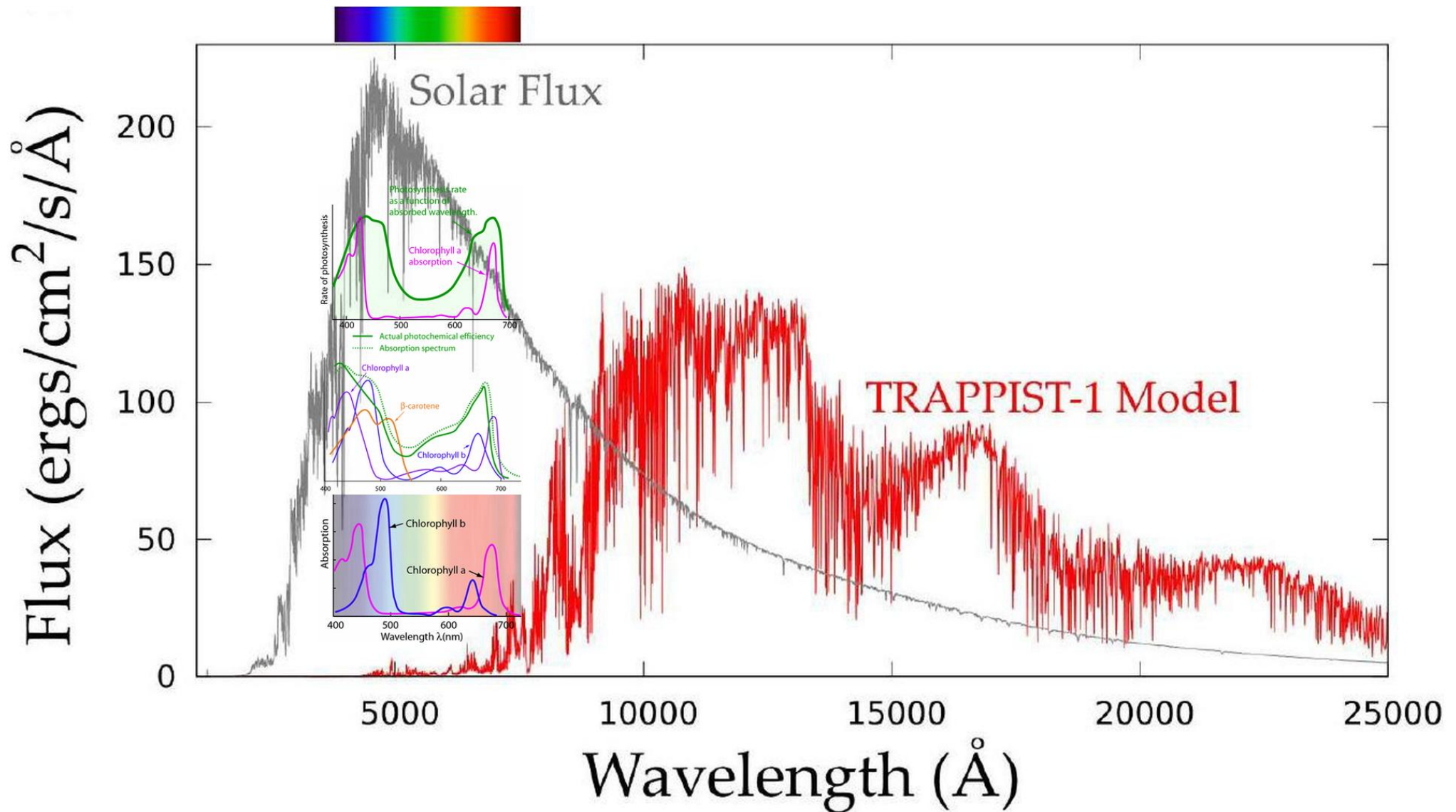


Have a look at Trappists-1's spectrum compared with that of the sun and of photosynthesis:



Solar & Trappist-1 spectrum copied from <https://www.drewexmachina.com/2018/04/18/alien-skies-the-view-from-trappist-1e/>.  
 Superimposed photosynthesis absorption spectra copied from <http://hyperphysics.phy-astr.gsu.edu/hbase/Biology/ligabs.html>.

Einstein was awarded a Nobel Prize for his explanation of the photo-electric effect. The individual photons must have sufficient energy.

Therefore, it seems obvious that the light emitted by Trappist-1 is hardly capable to trigger chemical reactions.

Therefore, I'm rather convinced Trappist-1 planets have no form of life that ultimately requires light for its energy supply.

This does however not imply life would be impossible. Here on Earth, life can also thrive in complete darkness (e.g. around so-called *black smokers* in the *mid-atlantic ridge*).

I consider the  
***search for extraterrestrial life***  
rather obsessive.

It merely is a form of *curiosity*,  
*nosiness*, the *wish to know*,  
rather than the *wish to understand*.

Personally, I'm more looking for  
what Henri Poincaré called:  
***la joie de la compréhension***  
(*you should be able to translate that to English yourself...*).

**Not the *what* or *if*, but the *why & how*.**