

20 interesting facts about light you may not know

The energy emitted from the Sun in 1 second can heat up 3,200 billion fast meals.

Light is electromagnetic waves with wavelengths located in the spectral region visible to the human eye, from about 380 nm to 700 nm.

1. Scientists have found a way to create "liquid light" easily
2. It takes hundreds of thousands of years for light to travel from the center of the Sun to Earth?

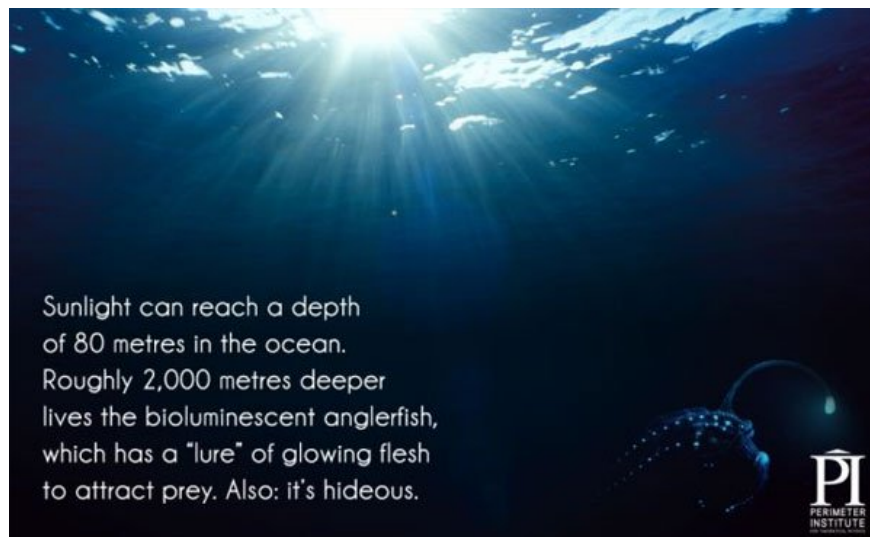
Here are the interesting information and interesting phenomena of light that many people have never heard of.



1. If you observe the Sun from outside the Earth's atmosphere, you will see that it is white, not yellow. From Earth, we see that the Sun is yellow because of light scattered by the atmosphere. If you observe from Venus (Venus), you will not be able to see the Sun because the atmosphere is too thick, and here you will be deaf.



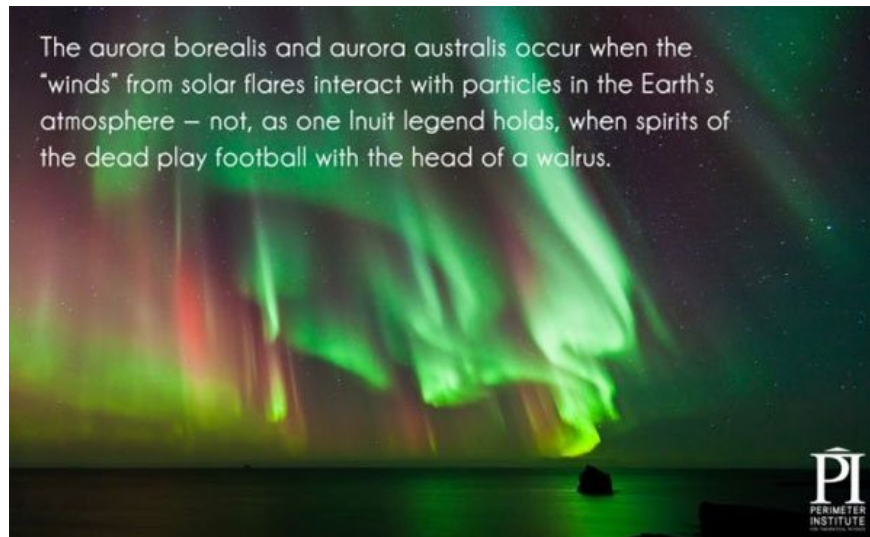
2. There is a fact that humans are able to light themselves, but the light is 1000 times weaker than the eye's ability to see, so we cannot see it.



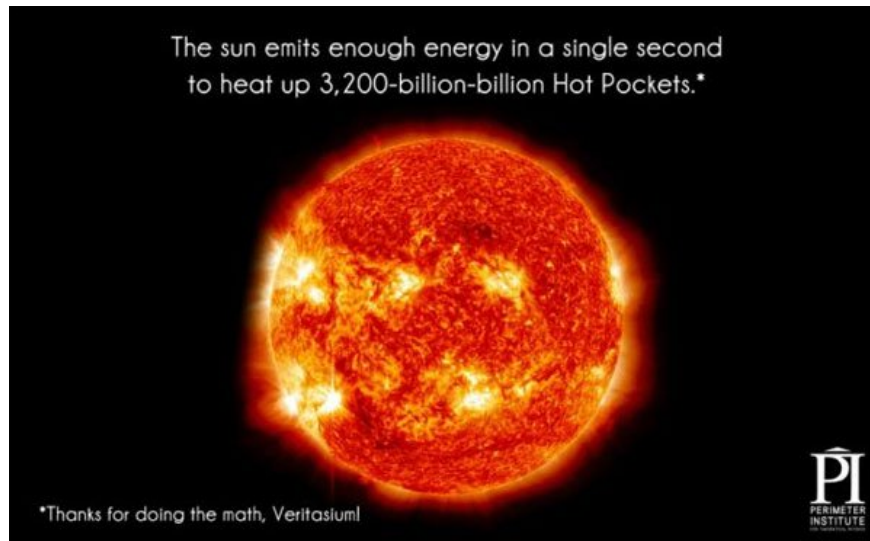
3. Light can shine down to about 80 meters of seawater. At a depth of 2,000 meters below the sea, there is an ugly and scary fish called angler, whose head has a self-luminous spot used to lure predators.



4. Plant leaves reflect blue light and absorb all other colored light for photosynthesis. That's why they are green. If the light is blue, the tree will not be photosynthetic and will die.



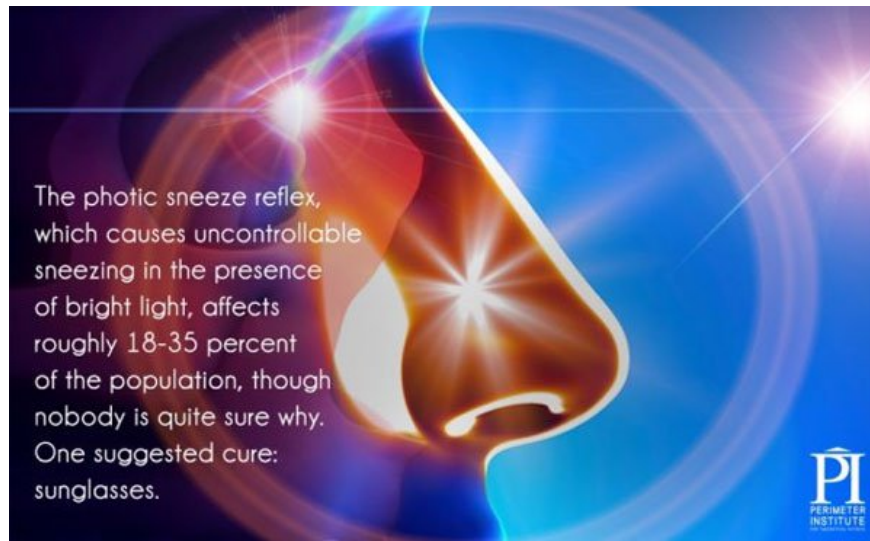
5. Arctic North is a colorful optical phenomenon in the sky that occurs when "wind" from magnetic storms in the Sun interacts with the Earth's atmosphere.



6. The energy emitted from the Sun in 1 second can heat up 3,200 billion fast meals.



7. The world's longest-lived light bulb record now belongs to California's Centennial Light filament bulb. It has been lit continuously since 1901 and has only 'rested' several times due to a power outage.



8. About 18% -35% of people in the world have reflexes sneezing when blinding.



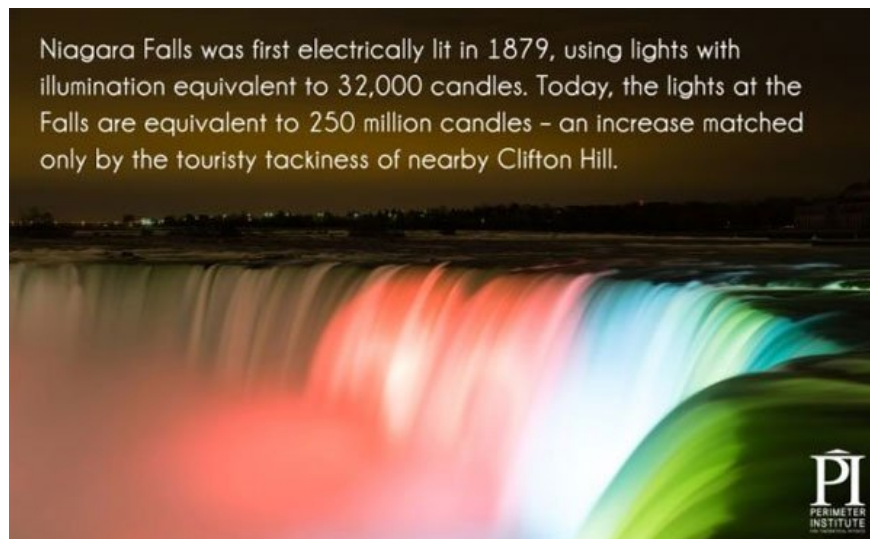
9. The phenomenon of dual rainbow is extremely rare due to the reflected light 2 times in the water droplets, the small rainbow will be the color of the white color (red, orange, yellow, green, blue, indigo, purple) meanwhile, The big rainbow will have the opposite color as CBR (purple, indigo, blue, green, yellow, orange, red).



Some animals can see light that we can't. Bees can see ultraviolet light, while pit vipers can see infrared. Puppies, meanwhile, see into your heart.



10. On Earth, there are many other animals that have more 'good' eyes than human eyes. They can see the light that humans cannot, for example the snake can see infrared, the bee can see the ultraviolet rays, .



Niagara Falls was first electrically lit in 1879, using lights with illumination equivalent to 32,000 candles. Today, the lights at the Falls are equivalent to 250 million candles - an increase matched only by the touristy tackiness of nearby Clifton Hill.



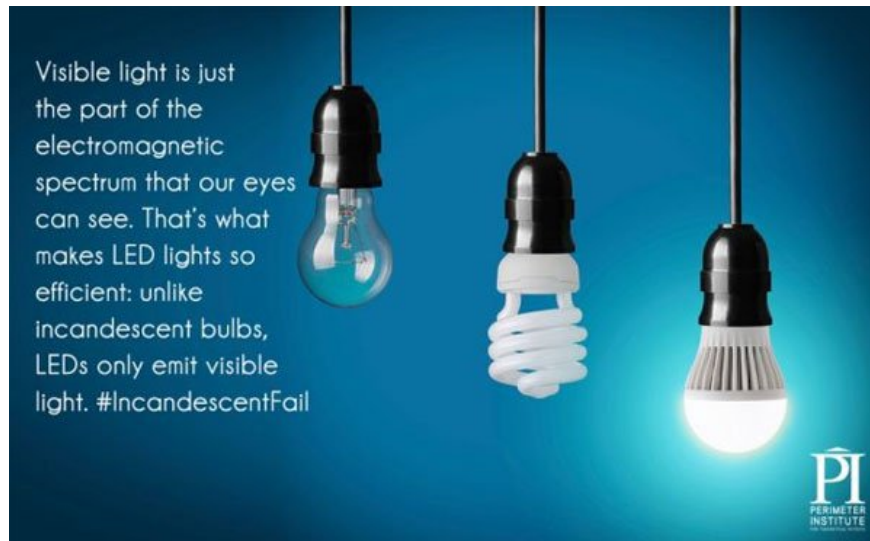
11. Since 1879, Niagara Falls in Niagara River in North America has been lit with electricity, at that time the light was equivalent to 32,000 candles. Currently, the light for this waterfall is increased to 250 million candles.



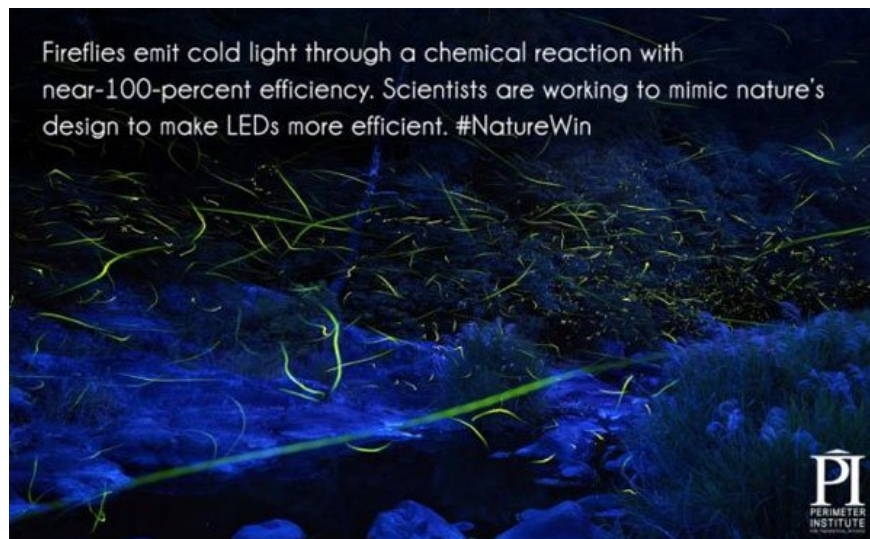
12. When passing through different forms of matter, light will slow down and be redirected (refracted). Thanks to this phenomenon, converging glass is capable of gathering light into 1 point where energy can burn ants. You should not apply it to burn ants.



13. Frog eyes are extremely sensitive to light. Based on the structure of the frog eye, a researcher in Singapore developed a device that detects extremely sensitive photons

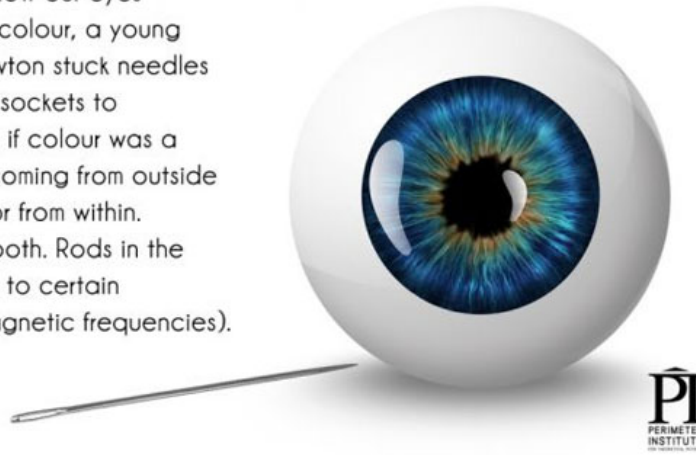


14. While the incandescent and fluorescent bulbs emit all kinds of light, the led bulb only emits light that the human eye sees. This is why it saves electricity more than other light bulbs.

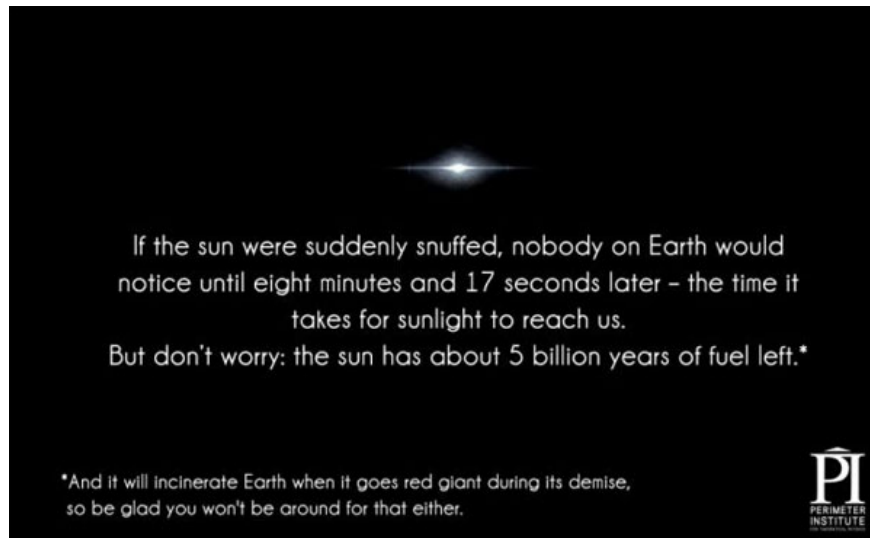


15. Fireflies emit cold light (light with a focused wavelength near the purple spectrum) with an efficiency of nearly 100%. Scientists are looking to mimic the type of light to apply to the next generation of high-performance LEDs.

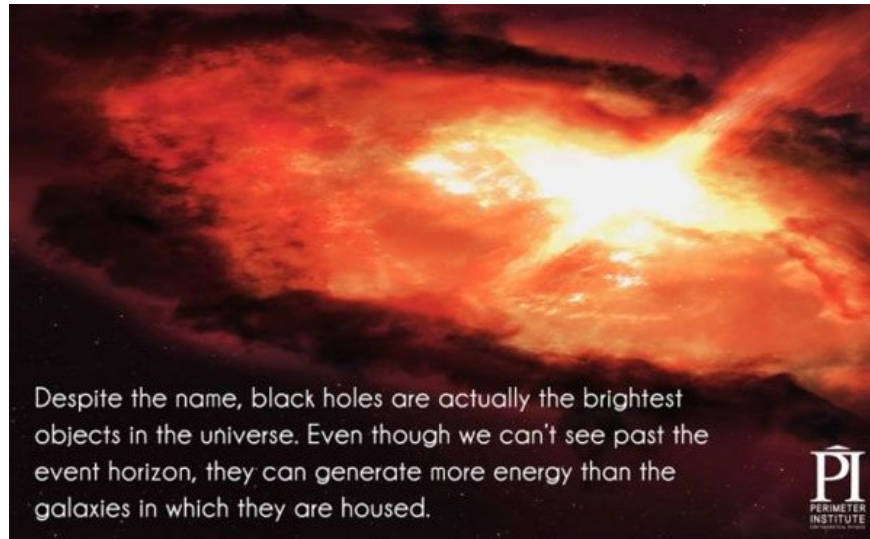
To study how our eyes perceive colour, a young Isaac Newton stuck needles in his eye sockets to determine if colour was a product coming from outside the eye, or from within. (Answer: both. Rods in the eye react to certain electromagnetic frequencies).



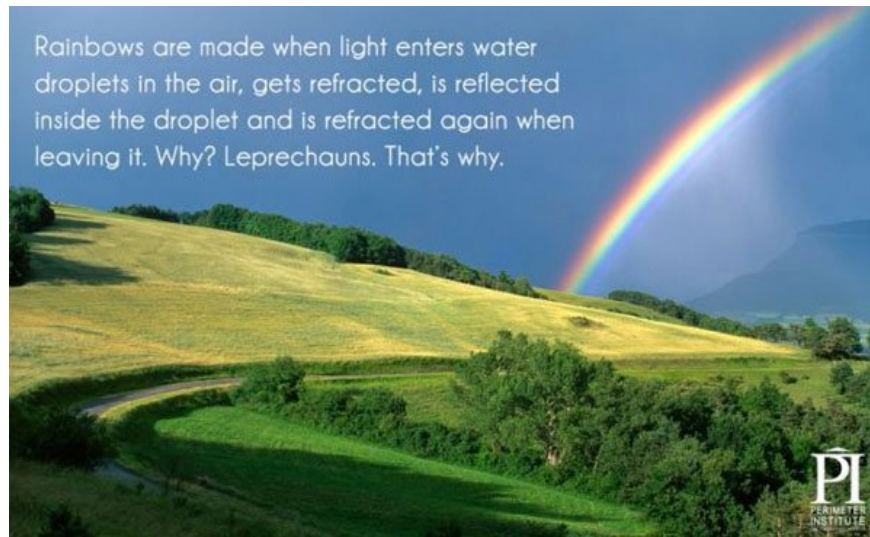
16. When studying how eyes perceive colors, to see colors coming from interesting objects coming from our eyes, Issac Newton pinned a wooden needle into his eyes. The truth is that colors come from both, rod cells respond to the corresponding colored light waves.



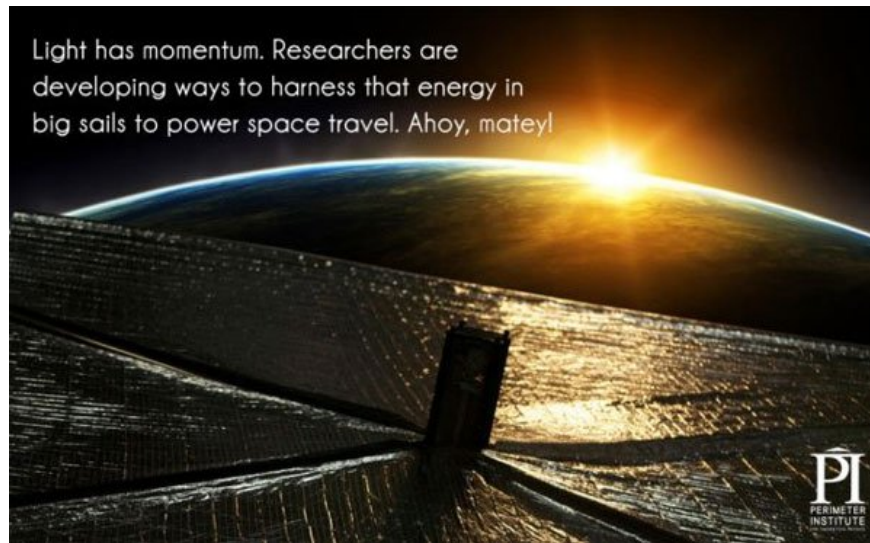
17. If suddenly the Sun wants to "retire", then after 8 minutes 17 seconds, people on Earth will know.



18. The truth is that black holes or black holes are the brightest place in the universe. The energy of the black hole created crosses the whole galaxy containing it.



19. When the light enters the droplets in the air and is refracted and reflected inside the droplet and then refracted again when it comes out of the drop, the rainbow will appear.



20. Light also has inertia. Scientists are trying to use this kind of energy to help travel deep into the universe more economically and effectively.

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