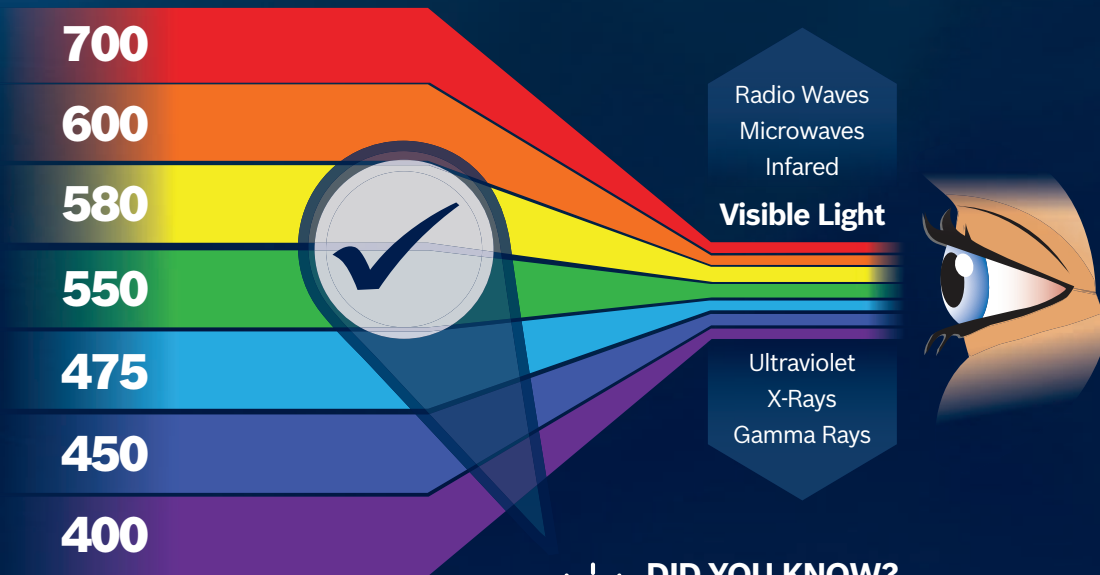


LASER EDUCATION

THE SCIENCE BEHIND RED & GREEN

Wavelength in Nanometers



DID YOU KNOW?

Human eyes are built to be most sensitive to **yellow-green** wavelengths during the day

LASER LEVELING TOOLS

Red and green beam laser dominate the laser level tool market because of visibility to the human eye.

At the center of the spectrum, green is the easiest for the human eye to see making it the brightest beam choice for laser tools.

Red
(700 nm)



Green
(550 nm)



LASER CLASSIFICATIONS



Class	Wattage (mW)	Lasers	Safety Notes
1 & 2	Less than 1	Low Power	Safe when handled carefully
3A	Less than 5	Standard Power	Safe when handled carefully
3B	5 to <500	Medium Power	Precaution needed
4	500 and above	Extremely High Power	Eye and skin hazard



DID YOU KNOW?

The majority of commercial laser leveling products are categorized as Class 2 lasers, making safe for the jobsite when handled carefully.



PRECAUTIONS



Never stare into a laser beam



Read instruction manual prior to use



Do not attempt to repair/disassemble a laser level



Do not point laser at anything you shouldn't point it at

OFF

Always turn laser off when not using it



BOSCH