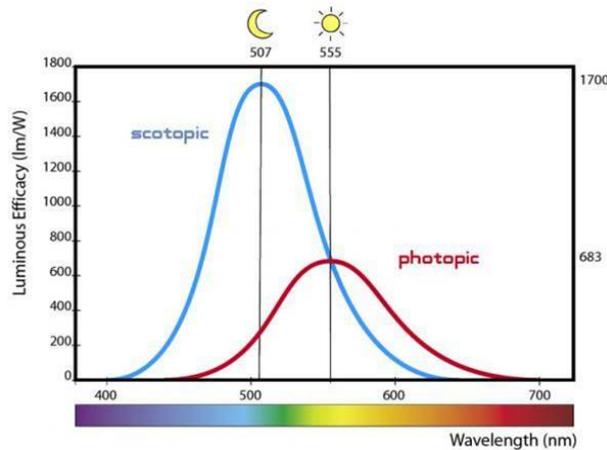


What is "SP Ratio"?

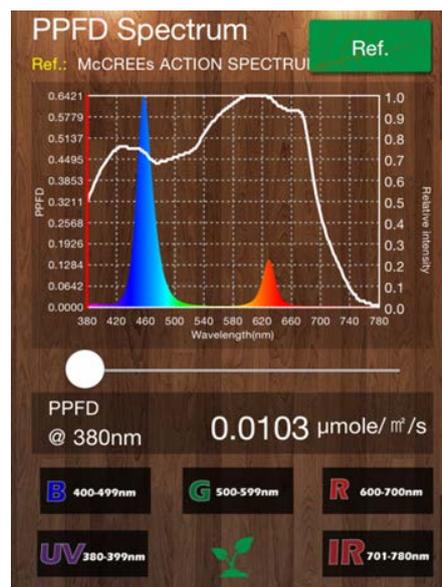
Scotopic vision is the vision of the human eye under low light conditions. Photopic vision is the human eye under well-lit conditions. An S/P ratio is the ratio of light measured by the scotopic and photopic methods. Lamps with high S/P ratios also improve one's ability to see both low light and well-lit conditions.



Scotopic vision response and photopic vision response of human eyes.

What is "PPFD"?

PPFD is a value that explains how many photons in specific range(it's from 400-700nm for plant growth) of the visible light spectrum (photosynthetic active radiation or PAR) that fall on a square meter of target area per second. The unit is $\mu\text{mol}/\text{m}^2\text{s}$.



PPFD Spectrum : Vertical axis is PPFD