OBSERVATION:

LED	Wavelength (2) nm	Twen on Valtage (Vo) Volt	Energy E=eVo	h = E1/C J8
Blue	450	2.41	3.86082 ×10-19	5.790 × 10 ⁻³⁴
Green	525	2.14	3.42828×10-19	5.999 × 10 -34
Orange	610	1-62	2.5952 × 10-19	5.27 × 10-34
Red	660	1.63	2.61126×10-19	5.74 × 10-34

I to the house become

OBSERVATION:

Eg =
$$eVo \rightarrow h\vec{v} = \frac{hc}{\lambda}$$

$$h = \frac{eVo\lambda}{c} Js$$

CALCULATION .

 $e: 1.602 \times 10^{-19}$ Energy (eVo) Blue: $1.602 \times 10^{-19} \times 2.41 = 3.86082 \times 10^{-19}$ Green: $1.602 \times 10^{-19} \times 2.14 = 3.42828 \times 10^{-19}$ Orange: $1.602 \times 10^{-19} \times 1.62 = 2.5952 \times 10^{-19}$ Red: $1.602 \times 10^{-19} \times 1.63 = 2.61126 \times 10^{-19}$ Blue · C/2 = 3 × 10⁸
450 × 10⁻⁹

Blue = 6.67 × 10¹⁵ Hz

Gracen = 5. \$14 × 10¹⁵ Hz

Orange = 4.91 × 10¹⁵ Hz

Red = 4.54 × 10¹⁵ Hz

