

Possible Light Treatments for Photosynthetic Experiment

Bulbs MUST stay in the lamps OR on trays with edges at ALL times!!!!

60 watt (W) soft white incandescent bulb is what is IN the lamps as the standard bulb – to use for the white light treatment*

*The 60W soft white light bulb = 860 lumens

Options for further exploration:

25W soft white, GE incandescent -180 lumens

40W soft white incandescent bulb - 365 lumens

40W replacement fluorescent Ecosmart, (uses 9W) - 450 lumens

40W replacement soft white Ecosmart (incandescent), (uses 29W) - 380 lumens

40W replacement Reveal, Enhanced Spectrum halogen, (uses 29W) – 325 lumens

40W replacement LED Phillips, (uses 5W) - 450 lumens

60W replacement fluorescent Ecosmart, (uses 14W) - 900 lumens

60W replacement Reveal, enhanced spectrum halogen, (uses 43W) - 565 lumens

60W replacement LED, (uses 8.5W) Phillips - 800 lumens

****** these lamps cannot take any bulb greater than 60 watts******

Other possible experimental supplies: -colored overhead transparencies (yellow, orange, red, blue, green)

-rulers