



RECOMMENDED LIGHT BULBS FOR USE WITH THE LEGO® SOLAR PANEL

1

1. First choice

Incandescent bulb – PAR38, 60W

The bulb must be at least 60W. Higher wattage will give better results.
12° or 30° light angle is recommended.



2

2. Second Choice

Incandescent Reflector - R63, 60W (Also known as concentrated or spot.)

The bulb must be at least 60W. Higher wattage will give better results.
30° light angle is recommended.



3

3. Third Choice

Infrared - heat bulb, 100W

The bulb must be at least 100W. Higher wattage will give better results.
30° light angle is recommended.



4

4. Forth Choice

Normal incandescent light bulb – 60W

The bulb must be at least 60W. Higher wattage will give better results.



5

5. Fifth Choice

High performance halogen – 150W

The bulb must be at least 150W. Higher wattage will give better results.



Other light bulbs that emit high spectra of IR ~800 nm can also be used.

NB: LED, Fluorescent (Energy saving) and Halogen <150 Watt will not work properly!
Note that light bulbs can be very hot, and can burn. Light bulbs should only be handled under supervision by adults.