



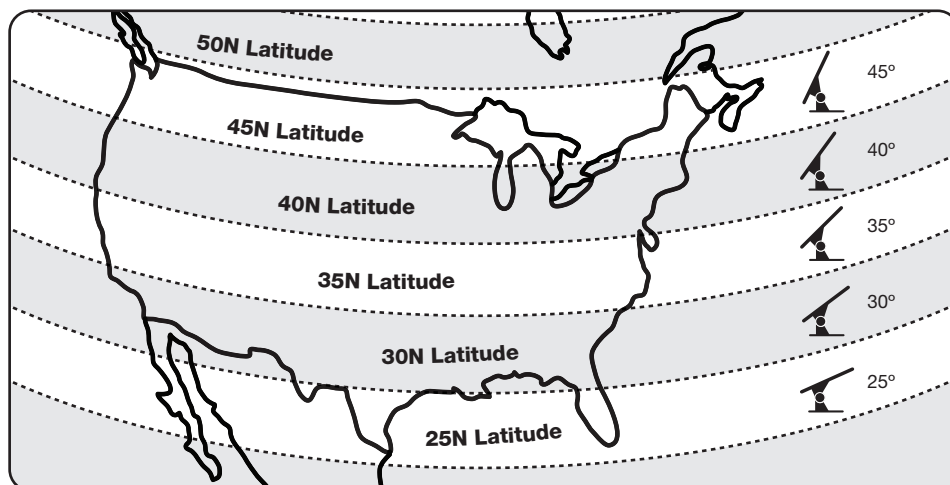
## Solar Powered Motion Security LED Light Guidelines for optimal performance

### 1. PLACEMENT



Mount the solar panel facing due south with direct line of sight to the sun. Be sure to avoid any potential obstructions, such as buildings or trees, that may cast a shadow on the panel during the day.

### 2. ANGLE OF PANEL



Orient the solar panel at approximately the same angle as the latitude of your location, taking into consideration the angle of the surface you are mounting it to.

# ALL-PRO™

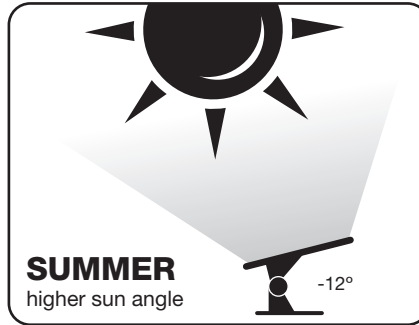
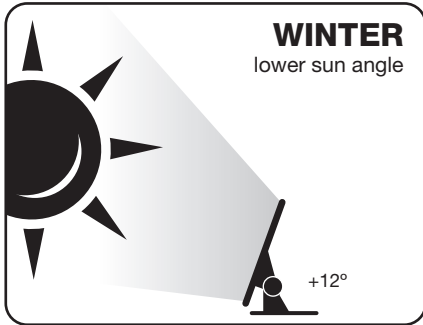
MOTION ACTIVATED



**Solar Powered**

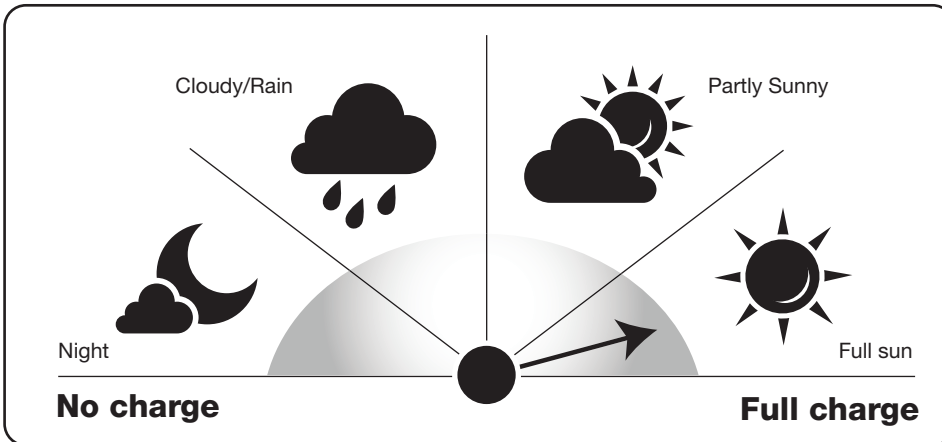
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### 3. SEASONAL ADJUSTMENT OF SOLAR PANEL ANGLE



In the winter months, the Sun is about 12° lower in the sky due to the Earth's axis being tilted. Similarly, in the summer months the Sun is approximately 12° higher. For optimal performance, the solar panel should be adjusted +/- 12° just before the winter and summer seasons begin. Generally, lower Sun angles and lower temperatures will require longer charge times depending on your location.

### 4. WEATHER CONDITIONS



All solar panels require consistent, unobstructed exposure to the Sun to perform at their best. Any clouds, rain, pollen or dust etc. may increase the amount of time it takes the batteries to recharge. Use a mild detergent to wipe the panel clean whenever necessary.

### 5. CHARGING BEFORE USE



Allow up to 4 days of exposure to full sunlight before activating to ensure the batteries are fully charged. This requirement will vary by product, please see instruction sheet for details.