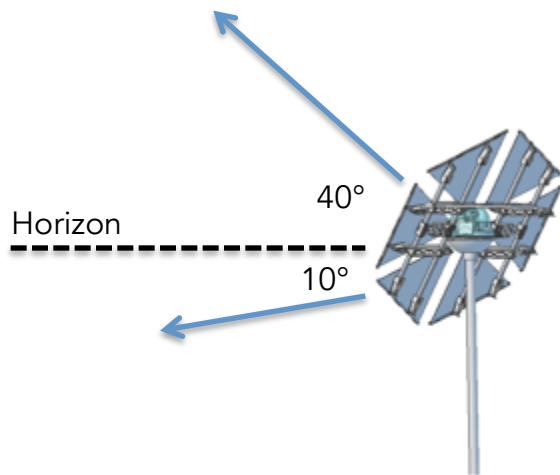


# ELEVATION ANGLE LIMITS

The Sunflower has 3 elevation settings that influence the relative heights the Sunflower can redirect light to.

## DEFAULT SETTING

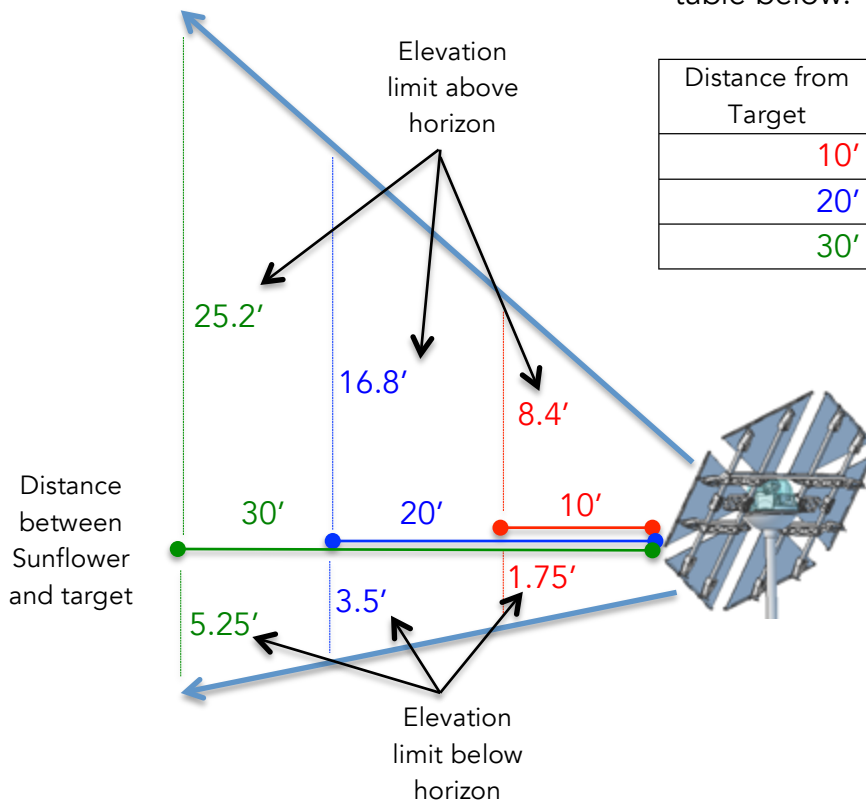
Ideal for redirecting sunlight through a 1<sup>st</sup> or 2<sup>nd</sup> story window



In the default setting, the Sunflower can redirect sunlight up to 40° above and 10° below the horizon.

This means that for every 10ft of distance between the Sunflower and its target, it can redirect sunlight up to 8.4ft above the horizon and 1.75ft below it. Refer to the table below:

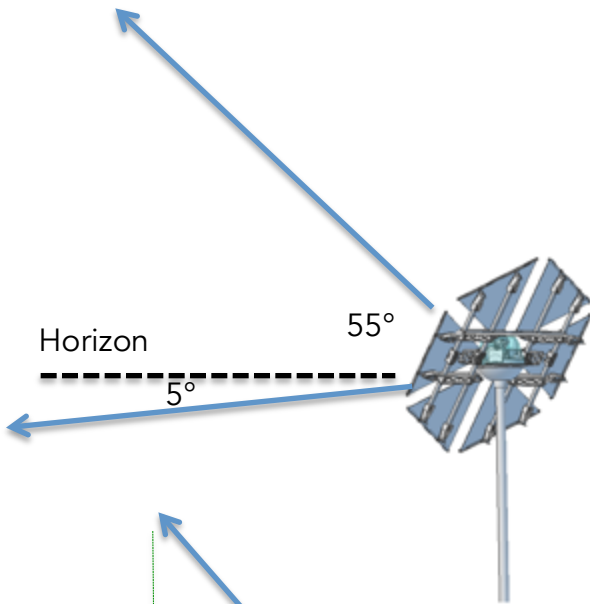
| Distance from Target | Elevation limit above horizon | Elevation limit below horizon |
|----------------------|-------------------------------|-------------------------------|
| 10'                  | 8.4'                          | 1.75'                         |
| 20'                  | 16.8'                         | 3.5'                          |
| 30'                  | 25.2'                         | 5.25'                         |



The graphic to the left illustrates the information in the table above.

## HIGH ANGLE SETTING

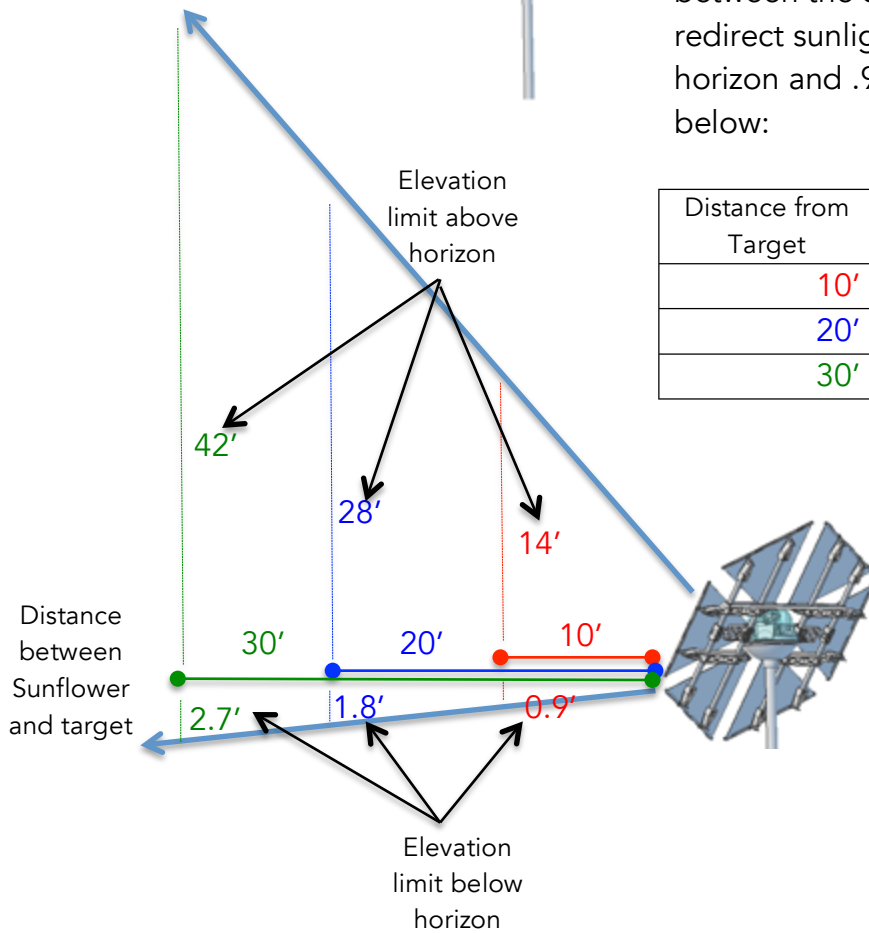
Ideal for redirecting sunlight through a 3<sup>rd</sup> or 4<sup>th</sup> story window.



In the high angle setting, the Sunflower can redirect sunlight up to 55° above and 5° below the horizon.

This means that for every 10ft of distance between the Sunflower and its target, it can redirect sunlight up to 14ft above the horizon and .9ft below it. Refer to the table below:

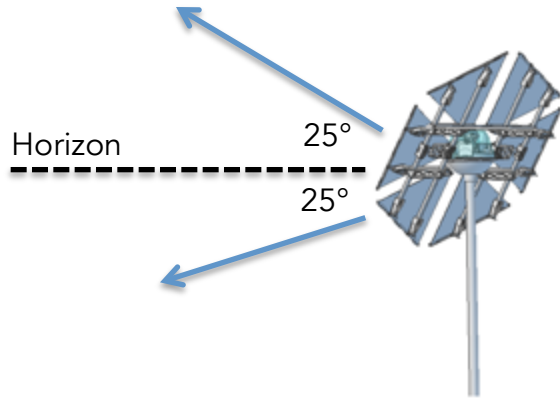
| Distance from Target | Elevation limit above horizon | Elevation limit below horizon |
|----------------------|-------------------------------|-------------------------------|
| 10'                  | 14'                           | 0.9'                          |
| 20'                  | 28'                           | 1.8'                          |
| 30'                  | 42'                           | 2.7'                          |



The graphic to the left illustrates the information in the table above.

## LOW ANGLE SETTING

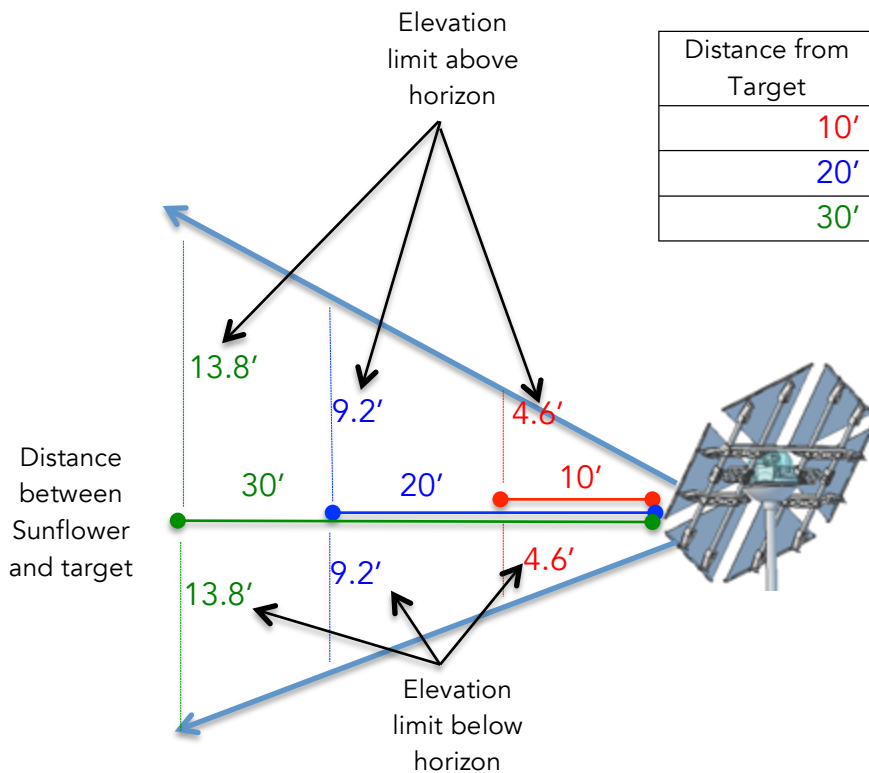
Ideal for redirecting sunlight down through a skylight or basement window.  
Or for use when the Sunflower is mounted on an 8ft or taller pole.



In the default setting, the Sunflower can redirect sunlight up to 25° above and 25° below the horizon.

This means that for every 10ft of distance between the Sunflower and its target, it can redirect sunlight up to 4.6ft above the horizon and 4.6ft below it. Refer to the table below:

| Distance from Target | Elevation limit above horizon | Elevation limit below horizon |
|----------------------|-------------------------------|-------------------------------|
| 10'                  | 4.6'                          | 4.6'                          |
| 20'                  | 9.2'                          | 9.2'                          |
| 30'                  | 13.8'                         | 13.8'                         |



The graphic to the left illustrates the information in the table above.