

- While planning this project, consider the following to maximize the natural light delivered into your home. Must have access to the attic.
- Install the skylight on a southerly facing roof (east or west facing acceptable, not recommended for north facing roofs)
- Keep the tubing in the attic as short and straight as possible

HOW TO CHOOSE YOUR SPYDER MODELS

Answer the following questions to determine which of the SPYDER sizes best meets your needs.

1. How many spaces do you want to illuminate with natural light?

No. of spaces

What is the area of the spaces you want to illuminate?

(Width x Length = Area)

- Area #1 sq. ft.
 Area #2 sq. ft.
 Area #3 sq. ft.
 Area #4 sq. ft.

Choose from the table to the right the solar port that will best illuminate these areas:

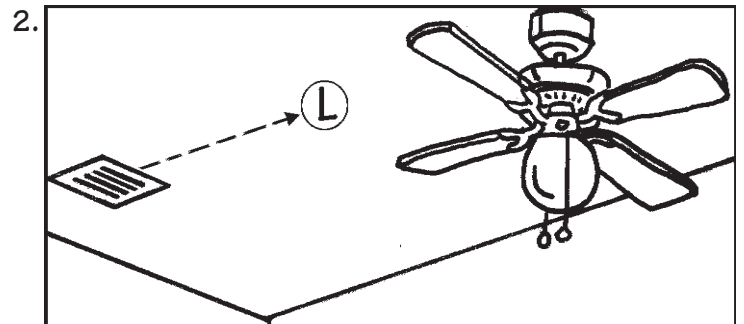
MODEL



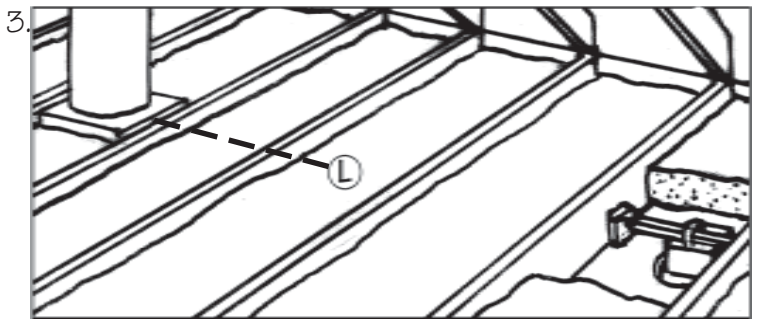
SOLAR PORT CONFIGURATIONS		PORT CONFIGURATIONS	
(2) Light Lens Model Dbl 10" Rough Opening 14½ x 22½ Curb Outside Dimension 17½ x 25½		(4) Light Lens Model Quad 10" Rough Opening 22½ x 22½ Curb Outside Dimension 25½ x 25½	
 Model Dbl 14" Rough Opening 14½ x 30½ Curb Outside Dimension 17½ x 33½		 Model Quad 10" Inline Rough Opening 14½ x 46½ Curb Outside Dimension 17½ x 49½	
 Model Dbl 10"/14" Rough Opening 22½ x 22½ Curb Outside Dimension 25½ x 25		<div style="border: 1px solid black; padding: 5px; width: fit-content;"> Area Illuminated per lens (sq.ft.) </div>	

2. Determine where on the ceiling you would like each light lens located. Make a sketch by taking measurements from various landmarks (A/C or heating duct, fan or light) to these desired light lens locations. This sketch will help you determine the light lens locations (L) from inside of attic (step 3). We have provided a grid sheet to help you with the sketch.

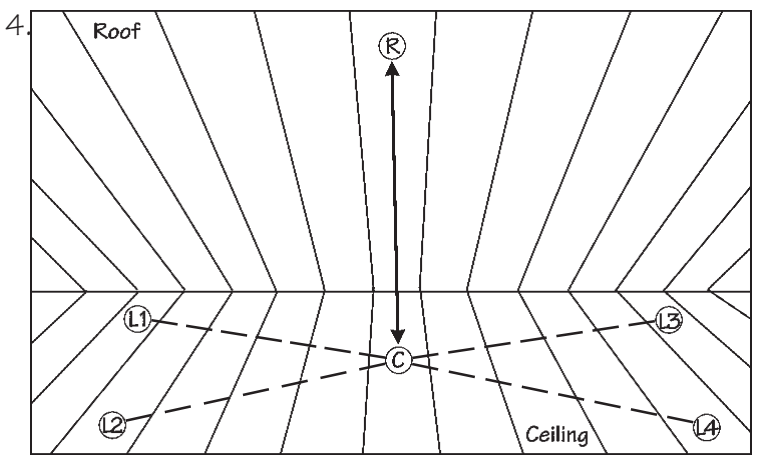
(See Grid Sheet attached)



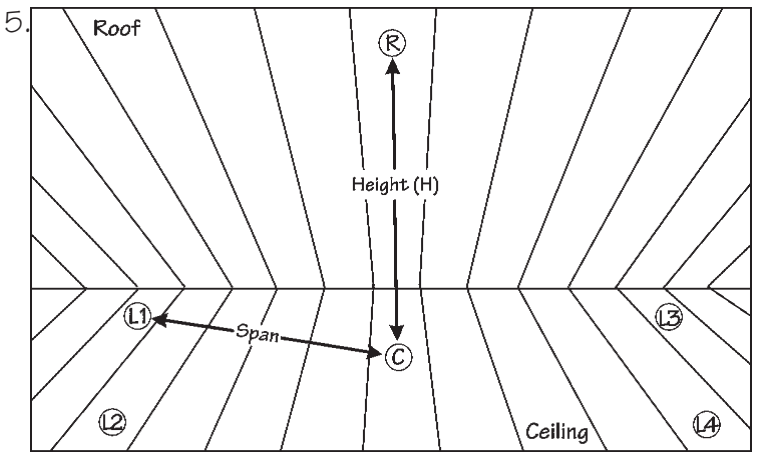
3. From the attic, using the grid sheet from Step 2, locate the landmarks and measure in the correct direction to find the desired light lens locations (L). NOTE: Adjustments in the location may need to be made due to obstructions. Mark each location with something obvious so you can see it from a distance.



4. From the attic, find the center point (C) which is equal distance from each of the light lens locations (L). Find the solar port location (R) run a plumb line from center point (C) up to the underside of the roof. Mark it in an obvious way so you can see it from a distance.



5. Measure the height (H) from center point (C) up to the solar port location (R).
Attic Height at Solar Port (R)



Now determine the span for each light lens. The span is the distance between light lens location (L) and the center point (c).

- Span of Light Lens #1
- Span of Light Lens #2
- Span of Light Lens #3
- Span of Light Lens #4

Using the table below, confirm that each span is within the maximum limit for your attic height. If a particular span is not within the limits, you will need to move that light lens location closer to center point (C) until that location is within the maximum limit.

SPAN	ATTIC HEIGHT				
	4'	5'	6'	7'	8'
7' or less	✓	✓	✓	✓	✓
9' or less	■	✓	✓	✓	✓
10' or less	■	■	✓	✓	✓
12' or less	■	■	■	✓	✓
14' or less	■	■	■	■	✓

6. Leg extension lengths – Measure the distance from solar port (R) to each of the light lens locations (L)

- Leg Length #1
- Leg Length #2
- Leg Length #3
- Leg Length #4

