

## Apollo® Solar Light Pipe

There really is no comparison in terms of performance of Apollo™ solar light pipes. With two patents already assigned and more pending, we've set the bar for daylight harvesting above and beyond what anyone else can provide.



Get OFF the Grid with  
**Direct Renewables**  
 from Orion Energy Systems.



### Feature

### Apollo

### Benefit

Feature	Apollo	Benefit
Aperture	22.25"	Up to 100% more light.
Dome design	Patented, more efficient.	Longer times of daylight harvesting available at a higher rate of efficiency.
Dome material	Acrylite FF	Glazing-quality transmission of daylight.
Dome attachment	Clamp-down system.	Higher wind load resistance. Eliminates potential stress cracks from screws.
Materials of Construction	Plastic dome & diffuser, one-piece spun aluminum flashing, aluminum fasteners.	No steel or dissimilar metals means no rust or corrosion.
Structural Integrity	Strong flashing stiffens roof structure.	Reinforcing not required, can handle typical roof loads and conditions.
Insulation and Heat Transfer	Yes	Permanently insulated flashing cavity is 30% to 75% more effective than competition or skylights at heat loss. Prevents condensation.
Factory Assembled	Yes.	Assures quality, lowers installed cost, and lowers install time.
Factory Sealed	Yes.	Eliminates potentially poor on-site assembly. Warm moist building air is sealed out of unit for no condensation, bug collection or debris inside.
Type of Diffuser	Concave diamond pattern - internal.	Superior zonal light distribution puts more usable light where you want it. Less glare when viewed from floor.
Static Load Rating	More than 1,000 pounds	Stronger construction.
Dynamic Load Rating	More than 200 pounds at 4 feet.	Exceeds OSHA fall protection standards.
AAMA Rating	Yes.	Heavy Commercial Rating for structural applications.
WDMA Rating	Yes.	Heavy Commercial Rating for air infiltration and water penetration. Essentially zero at even twice test pressure.

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