

Apollo® Solar Light Pipe



*Sunlight – after 93 million miles,
it all comes down to the last 3 feet!*



Off The Grid!
*All the electrical lights
are off in this facility.*



Turn your roof into an asset that contributes to your bottom line

“**Get OFF the Grid!**™” with the Apollo® solar light pipe. It’s engineered to use no energy, handle the elements, and significantly reduce your carbon footprint.

Apollo® meets or exceeds heavy commercial certifications specified for air infiltration, water penetration, and structural tests. Manufactured and completely assembled in a factory controlled environment, Apollo® is ready for installation right out of the box.

With three patents already assigned and more pending, our cutting-edge innovation has set the bar for daylight collection well beyond what anyone else is providing.

Reduce your energy use for lighting during peak-load times of the day, when electrical costs are highest, with the Apollo® solar light pipe.



Standard Model

Unbeatable Specifications

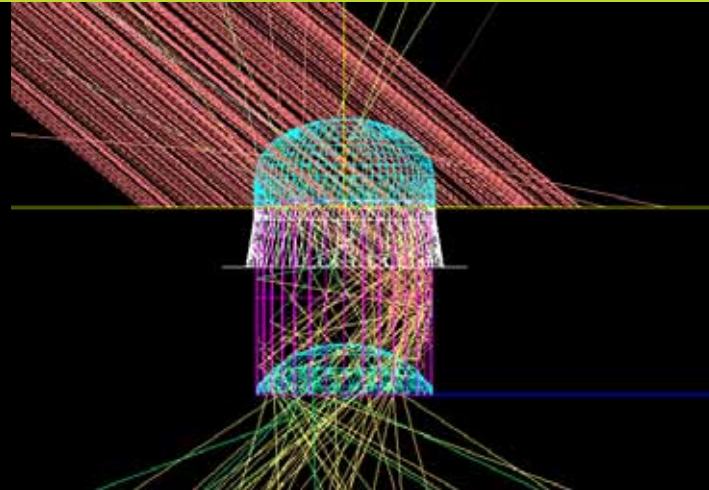
Daylight Collection – <i>Proprietary Design!</i>	<ul style="list-style-type: none"> • Captures more daylight than any other tubular device on market. 	Light Pipe Construction – <i>Industry Best!</i>	<ul style="list-style-type: none"> • Largest diameter polished reflector tube in the industry. • World-class 98% efficient reflector made of elemental silver material on solid-core aluminum.
Dome Design – <i>Patented!</i>	<ul style="list-style-type: none"> • Optically tuned for optimal daylight collection during all conditions, clear sky or overcast. • Glazing quality, water-clear, molded Acrylic or Polycarbonate impact-resistant, nonporous domes. • Breathable design for atmospheric pressure relief. 	Closed Cell Insulation – <i>Industry First!</i>	<ul style="list-style-type: none"> • Completely fills the flashing cavity, eliminating condensation.
Dome Clamping Ring – <i>Patents pending!</i>	<ul style="list-style-type: none"> • Eliminates potential stress cracks unlike domes attached with screws. • Built-in flame spread protection at edge of domes. • Weep holes to drain moisture. • Tamper-proof dome retention system. • Additional security options available. 	Diffuser Design – <i>Patents pending!</i>	<ul style="list-style-type: none"> • Delivers most workplane illumination and minimizes direct glare. • Provides even zonal cavity lighting. • Air-tight seal to prevent moisture, insect and dirt infiltration.
		Factory Assembled – <i>Industry First!</i>	<ul style="list-style-type: none"> • High-quality, consistent manufacturing process for each unit. • Eliminates job-site assembly/weather inconsistencies. • Faster installation.

Efficient use of solar energy

The Apollo® solar light pipe operates regardless of your location. Annually, there are **3,650** hours of usable free daylight that can replace electrical lighting.

Orion patented designs collect more usable light at more times of the day than any other light pipe.

Daylight is brought into your facility without using complicated, mechanical devices or conversion to any other kind of energy – nothing is more efficient than Apollo®!



Case Studies



Annual Impact

Apple Distribution Center –
Elk Grove, California

Project included Apollo®, InteLite®
and Compact Modular™ technology

Energy Savings	\$40,585
Energy reduction	207,305 kWh
CO ₂ reduction	138 tons



Annual Impact

MillerCoors Distribution Facility –
Milwaukee, Wisconsin

Project included Apollo®, InteLite®
and Compact Modular™ technology

Energy Savings	\$127,365
Energy reduction	2,122,751 kWh
CO ₂ reduction	1,411 tons



Awards



Recognized by many of the world's most prestigious organizations, including:

- **National Society of Professional Engineers**
- **Massachusetts Institute of Technology**
- **Plant Engineering Magazine**

Certifications:

- AAMA/WDMA/CSA/101/I.S.2/A440-08
- Florida State High Velocity Hurricane Zone including Miami-Dade (HVHZ model only)

US Patents:

- 7,638,743; D557,817; D560,469
other patents pending.



Made in USA

Apollo® Solar Light Pipe



KOHLER



Good things
come from
SYSKO



Energy. Smarter.™

The companies above, along with many others, are reaping the benefits of the Apollo® solar light pipe.

Turn your roof into an asset that helps improve your bottom line with Apollo® solar light pipes.

More than \$1 billion in energy costs have been saved by 6,500 companies all across North America using Orion technology and systems.

Orion Energy Systems leads the way with extreme energy efficiency, with everything from solar photovoltaic, solar hot water, daylighting, LED, high-intensity fluorescent lighting for interior and exterior, wireless control systems, thermal storage, and wind. Since 2001, Orion delivered these results:

- \$1.1 billion saved by our customers
- 130 of the Fortune 500 are customers
- 607 MW permanently displaced from the electrical grid (more than a traditional coal powerplant)
- 14.3 billion kWh saved
- 9.5 million tons of CO₂ prevented from entering the atmosphere

Call **800.660.9340** today and learn how you can dramatically reduce your energy costs - without compromise or risk.

Orion Energy Systems Inc. www.oesx.com

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