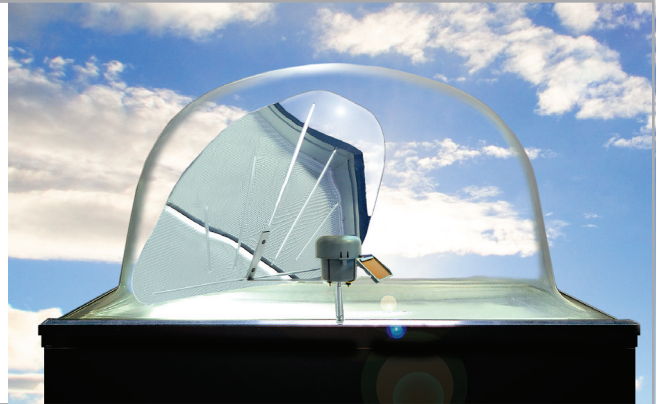




CIRALIGHT
SunTracker™



Active Daylighting System with GPS

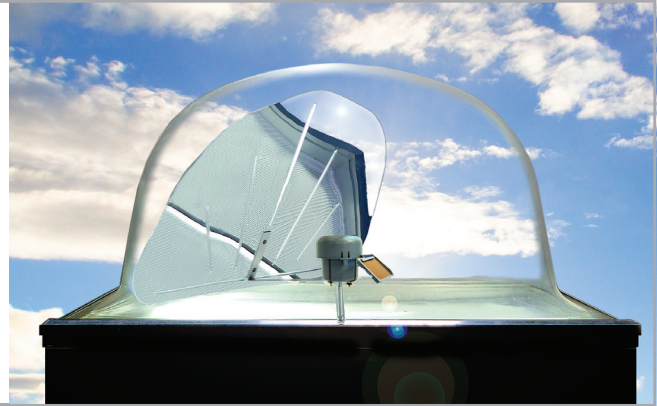
Specifications

Overall Dimensions	52.2 X 52.2 X 26 in. (1325.88 X 1325.88 X 660 mm)
Roof Opening	46.5 X 46.5 in. (1181.1 x 1181.1 mm)
Net weight	58 lbs. (26.31 kg)
Dome	Extruded sheet of high impact, optically clear, acrylic with UV protection. Light Transmissions: ASTM D-1003, 91% at 0.125 thickness. Rockwell hardness: ASTM D-785 (M Scale), 45 Impact Strength: ASTM D-256 (IZOD). 1.2 at 73 degrees F and 0.5 at 0 degrees F.
Frame	Extruded aluminum alloy type 6063 T5 welded, with integral condensation gutters, gaskets and factory mounted airtight lens.
Mirror	A single aluminum reflector coated with a super reflective Oxide-layer system on one side to reflect light. Reflection to ASTM: E-1651 (95%).
Light Well	< 3' - Regal White with sealed corners > 3' - .039 polished aluminum with sealed corners
Controller	Polycarbonate / ABS blend controller has the ability to accurately calculate the sun's position regardless of weather and maintains accurate time within one second per year.
Lenses (Inner)	Upper lens is impact modified acrylic mounted airtight at factory and located at top of light well. Lower lens is formed impact modified acrylic located and sealed at the bottom of the light well.
Performance	U Value = .35 SHGC = .3196 VLT = 91% Meets OSHA fall protection (report #72202.01-109-44)
Patent	11/754,156



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The SunTracker's dynamic mirror tracks the sun to harvest full-spectrum daylight throughout the day. This includes morning and evening low sun angles as low as 10° off the horizon. Now featuring GPS Technology, the rotating controller insures the mirror is always directed toward the sun.

