


**bSolar** The Bifacial PV Company **Bifacial PV Systems**

- bSolar is a producer of C-Si bifacial PV cells and modules, with its HQ and R&D center in Israel and its cell manufacturing plant in Halbesheim, Germany.
- The bifacial PV cell concept – a transparent rear-side electrode, enabling the collection of all direct and reflected light from sun, atmosphere and ground, significantly enhancing efficiency.
- Market game changer in PV with a much higher IRR and shorter payback time for flat rooftop, ground concentrated, area and tracker systems, solar barriers, carports and BIPV.
- 280-325 W per 60 cell module, depending on installation type.
- +10%-30% energy in standard applications, +30%-40% in vertical ones.
- Some conditions enhanced yield and faster defrosting.
- Grid balance enhanced behavior with a high gain in morning & afternoon.
- Produced in Germany with certification for Europe, the US and Japan.
- EU local content and candidate for significant US roofing systems tax credits.





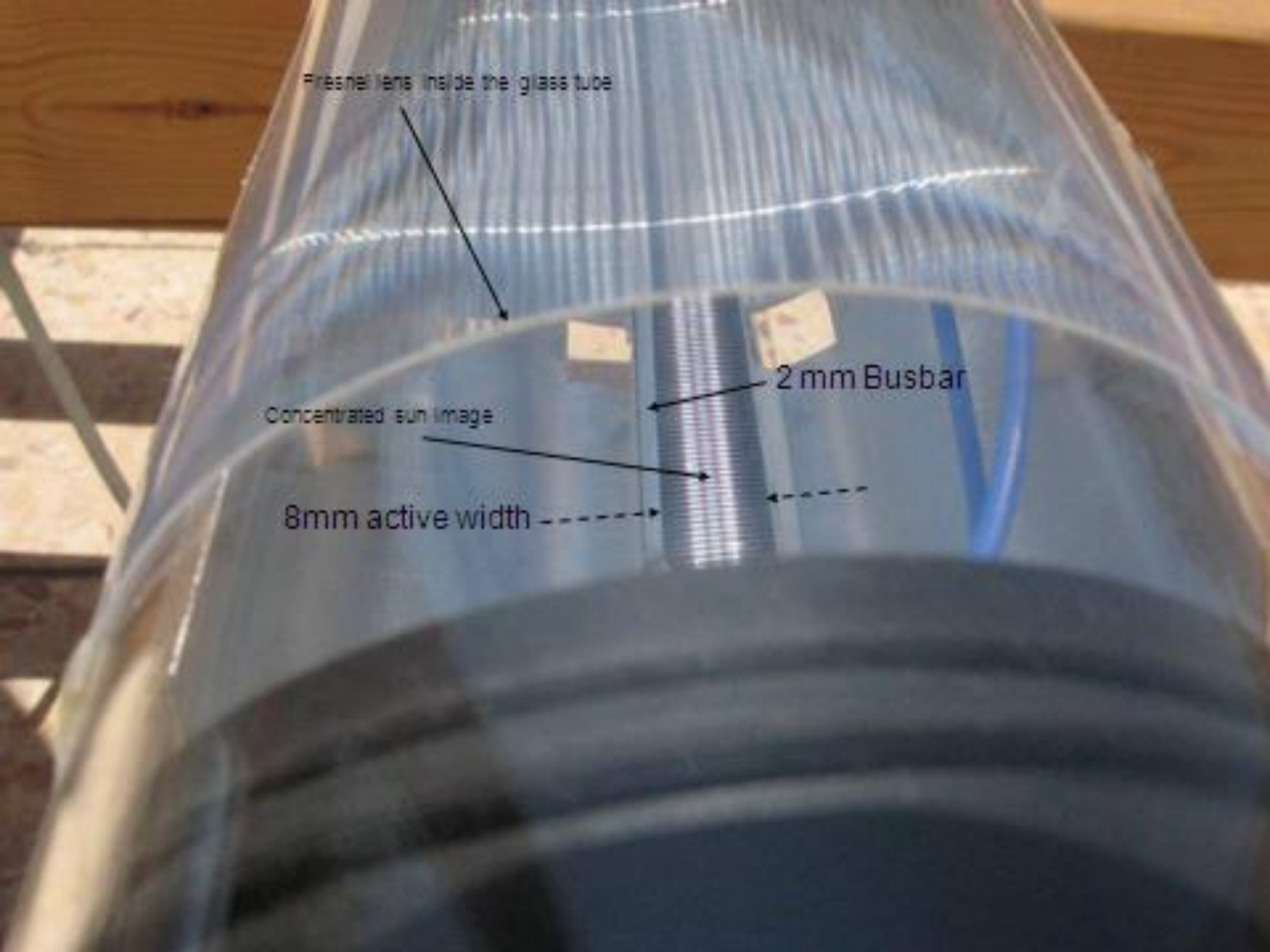


Fresnel lens inside the glass tube

Concentrated sun image

8mm active width

2 mm Busbar





# פרוייקט חלוץ עוקבי שמש ומרכזי אור

בשיתוף ממשלת ישראל משרד האנרגיה והמים 50%

**חברת מטלון מקורות אנרגיה 50%**

והגרת הון הטבע CAPITAL NATURE





