

Ring CSP

High temperature/High Concentration ratio

Mirrored Ring Concept

- System should create high concentration at the axis of the collector with the sunlight being reflected along the center axis of the circle the sun should form an axis or column where applications could be situated.
- Increase concentration ratio: Because the concentration is on the center of a circular axis the concentration ratio could be increased by increasing the radius of the circle mirror segment (conical segment). Thus the larger the diameter the greater the heat on axis. It may be possible to reach temperatures of 1,000s of degrees at the axis utility.
- Simple novel technology, the form allows for higher temperatures with less materials. It is a relatively simple design, but would need dual axis solar trackers. Mirrors are part of a inward coated conical segment. This allows for a relatively flat mounting of the collector.

