

## ParaSolar Potentialities in responsive systems

Parasolar is an installation installed as part of the Centennial celebration of the city of Tel Aviv and featuring 60 international projects on the future of the "White City". Located on Tel Aviv's infamous Performing Art Square, Parasolar the project was conceived computationally and materially to provide varying solar/shading conditions throughout the day. Seeking to respond to the environmental conditions of the square, the project is organized according to solar intensities while using minimal amounts of energy and materials. In order to achieve the most performance per energy unit, Parasolar's pneumatics are based on a single procedure that integrates solar parameters into a skin that is simultaneously structure, cladding, sign and envelop.

### Fact Sheet

**Client** City of Tel Aviv

**Location** Tel Aviv Performing Art Square

**Phase 1** (2008) Preliminary design and computation (Rhinoscript and Maxscript)

**Phase 2** (2008) Prototyping and Implementation

**Design** Open Source Architecture

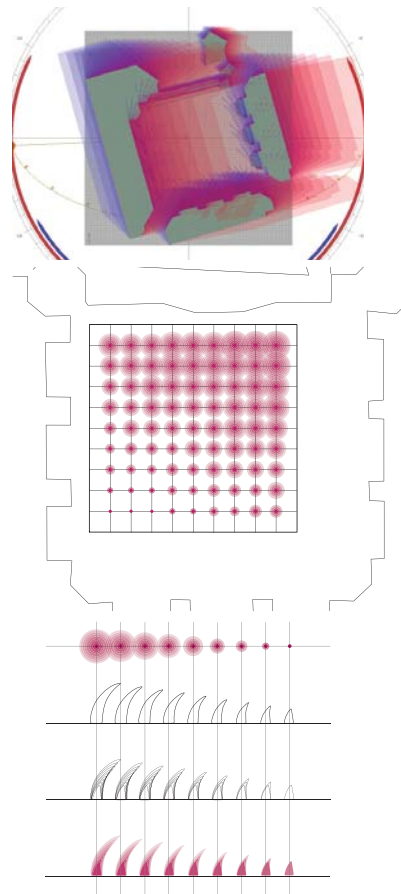
**Computation** Open Source Architecture

**Construction** Open Source Architecture and Holon co.

**Budget** n/a

**Size** 25,000 sqf

**Media** Printing on polypropylene pneumatics



# OSA

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