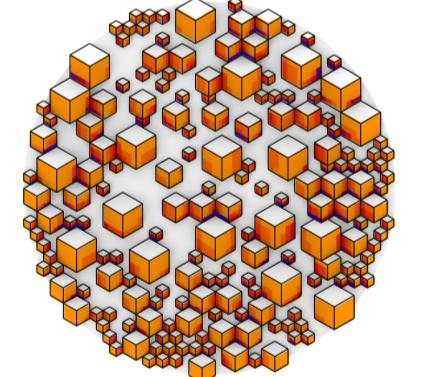


# Square roots

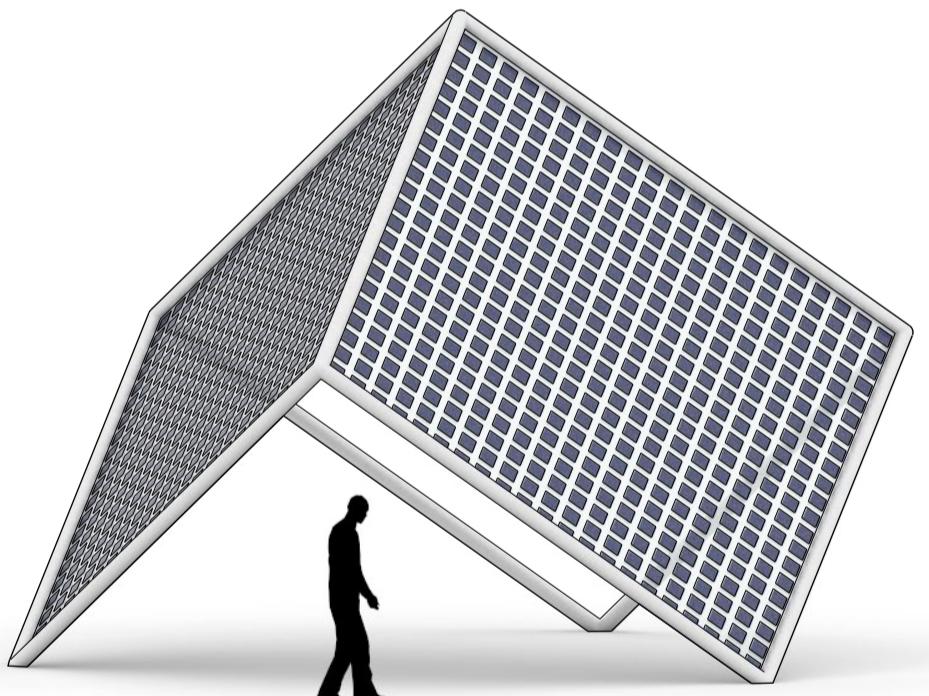


Different modules arrangement and performance in Mannheim

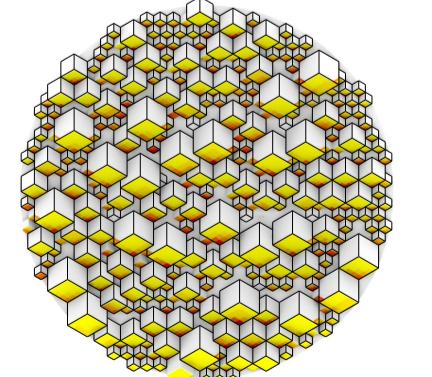


## East/West facing module

- More surface per module
- 5m side = 2418 kWh per year



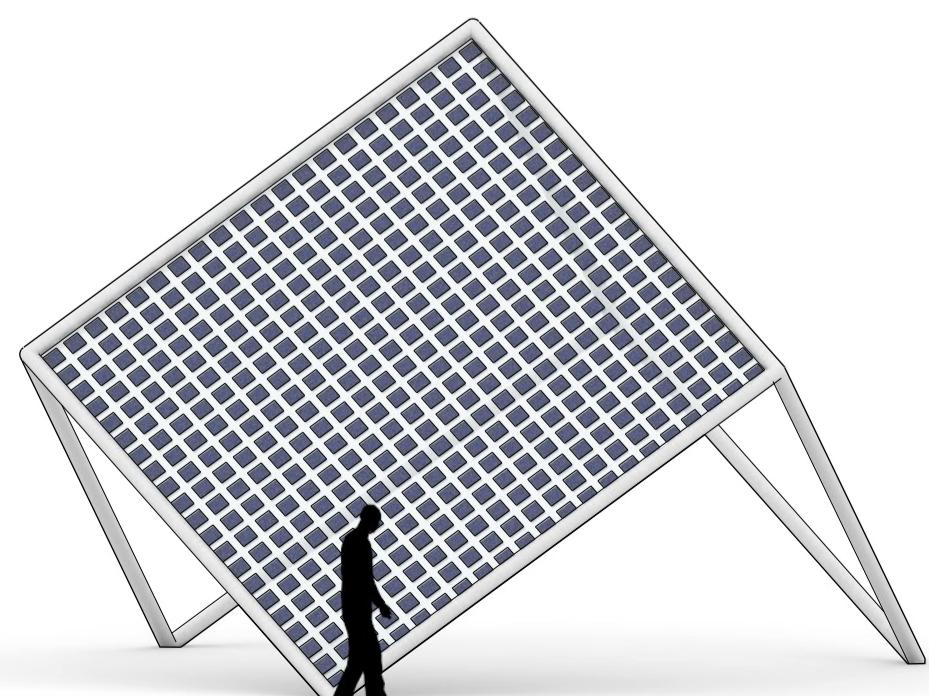
East/West facing module



## South facing module

- More density possible
- More daily hours of sun

- 5m side = 1605 kWh per year



South facing module

Site pattern



Civic park scale 16000 MWh per year