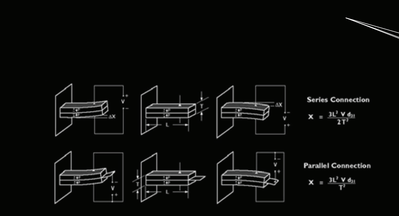
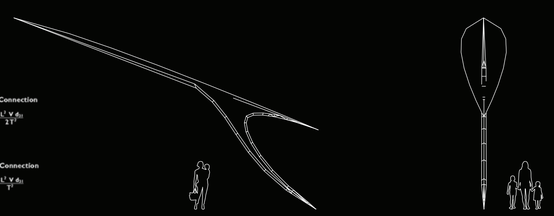
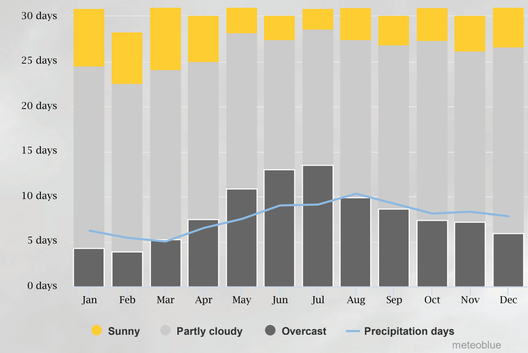
Between the hillock arrangements are soil-cement paths that guide users to and from key destinations surrounding the site.

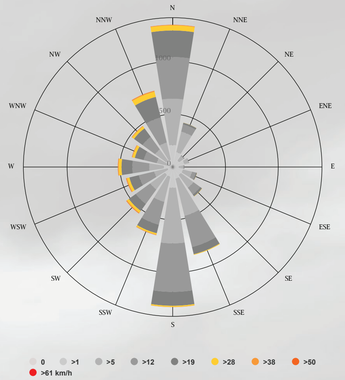




Each individual feather sculpture measures 6.5m high, 1.5m wide, and 9.5m long. The body of the feather cantilever is constructed of molded carbon fiber as to provide high strength to weight ratios while retaining flexibility. The top is clad with flexible multijunction solar cells. The central structure and support is constructed of aluminum and lined with dimmable and programmable RGBW LEDs which allow for night time illumination with dynamic design capabilities for event programming.

6.5m x 1.5m x 9.5m





As wind passes over the feathers the resulting vibrations and movement distort the piezoelectric bending sensor thus producing voltage.

1,017,474 kWh/year

Each feather sculpture consists of 10.1 Sq m of multijunction solar surface. Multijunction solar cells contain multiple materials layers that have multiple bandgaps and will therefore respond to multiple light wavelengths, capturing and converting some of the energy that would otherwise be lost. Current multijunction technology has a 40% efficacy rating (twice that of older traditional PV solar panels). With a combined 1,393.8 Sq m of multijunction solar collective surface exposed to (on average) 5 hours of sunlight each day, the site has the potential to produce 1,017,474 kWh annually. That is enough energy to power 176 homes in St. Kilda.

176 Homes