## Jenni Gillard Architectural Lighting Designers

World Resorts Sentosa; Marine Life Park; Singapore Lighting the world's largest oceanarium, acrylic viewing panel and aquarium



Researching, sourcing, testing, modelling and designing took two years

Lighting was the only way visitors' could see under-water wonders

Knowing and replicating lighting intensity and colour needs of marine life was crucial

Minimising light pollution and maximising indirect light were serious challenges

Leveraging the market and new LED products against project goals proved problematic



9 Ocean zones 40+ marine habitats Aquatic Environmental Systems



800 marine species Crossley Architects



100,000 animals Opened 22 November 2012



\$450 M SG dollars 1,000,000+ visitors