



Funan Singapore

Funan is an experiential playground for the senses, offering first-to-market technologies and retail concepts to deliver a dynamic array of learning and discovery experiences.

As a new paradigm for living, working and playing in Singapore's city centre, Funan offers a synergistic combination of retail, office and co-living apartment components that are designed to appeal to tech and socially-savvy consumers pursuing a quality of life in a socially-conscious and creative environment. Truly mixed-use, this is a high performing commercial project that includes vertically connected retail, food and beverage establishments, serviced residences, creative office, cinemas, urban farm and rooftop public sports grounds. Located at the heart of Singapore's Civic & Cultural District, Funan is owned by CapitaLand Mall Trust and designed by Woods Bagot.

The lighting concept by Nipek, a Singapore-based lighting design collective, plays an important role in achieving the project's vision to be the mall of the future, by fully maximising the potential of the latest digital lighting technologies. The lighting proposals include ever-changing dynamic internal

lighting to respond to the condition of daylight during day, an array of interactive kinetic light blades on an external feature wall designed in collaboration with Annolab, interactive bicycle path lighting and interactive projection in the atrium.

The building will glow at night with the fully integrated façade lighting schemes. The perforated façade panels are backlit with the intensity of light gradually increasing towards the building entrances to pull visitors into the building.

The most notable feature of the lighting design in this project is the Kinetic Light Wall, featuring more than 1,200 moving light blades, which are individually controlled via DMX. The kinetic light blade is internally illuminated with colour changing LEDs and constantly changes its rotating angle by reacting to the hue and intensity of the light. The kinetic light wall will constantly change its shape, colour and brightness by responding to the traffic and noise of the surroundings. It is an attempt to create a kinetic architectural skin to interact and engage with people and the surrounding environment.

www.nipek.jp

