

Figtree Lighting —One One One Eagle Street

August 2012

One One One Eagle Street Brisbane, Australia is the largest dedicated office tower for the Brisbane CBD. It has been designed to achieve a Green Star office design rating of 6. The tower stands tall at 195m, and has been constructed on a unique site right along side the Brisbane River.

The building design was quite organic in method, as it had to be built over (grow) on top of existing car parks and entry points of the two surrounding buildings. It also borrowed its organic appeal from the predominance of the stand of Fig Trees that shade the street in front of the new tower, providing a unique structural design to preside behind the glass façade. The Building owners GPT wanted to take advantage of this, and decided to illuminate the buildings structural uniqueness.

The LED system selected heralds from the signage industry with its ability to produce a flat projection of light onto the surface it resides behind. The optics are unique, providing an illuminated radiance of 155 degrees allowing a larger LED pitch therefore reducing the number of LED's required per linear run.

Each structural column is individually DMX controlled, the DMX network comprises of two DMX universes all connected to the systems Head End controller, which stores the dynamic shows and preset levels for the lighting installation. Each evening the system is triggered by its own internal astronomical time clock to start and stop the programmed lighting shows.

The lighting shows are designed to mimic filtered light just as you would see if you were standing under the streets Fig Trees on a beautiful Brisbane afternoon.

Customer Benefits: Scope of Works:

Energy efficient high impact LED system, with easy head end control. Factory backed warranty.

- 50,000 LED's
- 1,000 Channels of LED Constant Voltage Dimmers
- 2 x DMX Universes
- 1 x DMX Head End Touch Panel

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