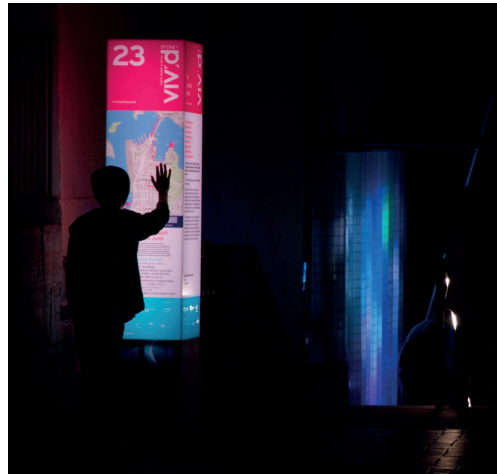


## Vivid 2014 - The Liminal Zone

A Multidisciplinary team - creatives, electrical engineers and manufacturers - combined their talents to deliver a design-driven project involving the innovative integration of sound, 3-types of LEDs, and sculptural shell, using pre-programmed single-board micro-controllers.

### The Concept

The Liminal Zone was an innovative and immersive installation situated on a key thoroughfare between the old and new areas of the Rocks. The installation was based on the concept of 'twilight', and featured a soundscape composed especially for the location by sound artist Paul Gough/ Pimmon.



### Sound and Light - a sensory combination

The organic interplay of lights and abstract electronic sound imaginatively enveloped the visitor in an immersive sensory experience.

### Innovation - materials and lighting

To achieve this impression, the team fabricated a field of LEDs, IP-rated, placed within a highly-programmable grid structure. The latest in micro-electronic microprocessors were used to control these lights and respond to the soundscape throughout its 13 minute duration. Layers of prismatic and reeded acrylic were used to create the 'transitory' atmosphere of dissolved and diffuse lights. Bright LED spots provided a secondary programmable lighting structure, and a counterpoint to the main RGB grid.

### Highly responsive colour-field lighting

The team created a large field of highly responsive programmable RGB lights, to create organic fields of responsive colour.

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