Digital Drapes
Creating Vibrant Spaces

Summary

Digital Drapes was an installation where all the windows of a top floor apartment were covered in grids of programmable LEDs. Visualizations were run on the grids which worked together with the geometry of the apartment to activate the entire space, turning the apartment into an interactive canvas.

Visit MattCreative.ca/Digital-Drapes for video and photos.

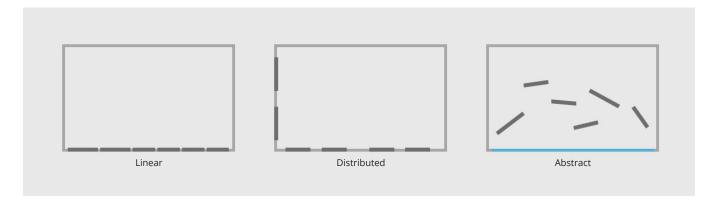## Capabilities & Customization

The grids can be configured in many ways including with or without gaps, around corners, and facing inwards or outwards.

The visualizations on the grids can be customized to work with the space they fill, an event theme, or support specific start and stop times. Interactivity can be incorporated, primarily through distance sensors, when installed at ground level.

Layouts & Requirements

The three primary layouts that this installation supports are Linear, Distributed, and Abstract. Due to the light-weight construction of the grids, they must be setup indoors, ideally not easily reachable by the public, or while being supervised.

Each grid has its own power supply and requires access to a standard wall outlet (or extension cord). The installation only requires Wi-Fi if the grids are installed a large distance apart from each other, to sync visualizations.

Linear   Distributed   Abstract