



Water Lights Painting

2006
Interactive and Lighting installation
7 feet x 6 feet x 6 feet (HxWxD)

Water Lights painting is an interactive installation that encourages the viewer to paint with water on its surface. These gestures create changing patterns and images by illuminating LEDs whose brightness is controlled by sensors in the painting's surface. The public contribute to this piece by painting with the wet brush or modifying the image by drying portions of it with the towel.

This work was created using the following: Light-emitting diodes (LEDs, 300 pieces), microcontrollers, transistors, and a pyroelectric infrared detector. Although people usually turn on lights with a switch or a motion sensor, in this installation, lights are turned on by water, which gives viewers a new experience.