



Water Lights

2004

Interactive and lighting installation,
9 feet x 6 feet x 9 feet(HxWxD)

One rainy day, while watching the water flowing endlessly down the window, I thought how interesting it would be to express the movement and the shape of the water flowing past with light. The result is this interactive installation. When viewers approach the work, water flows over light-emitting diodes (LEDs), and the lights come on when the water touches an LED. The intensity of the LEDs is regulated by the quantity of water running over them. In addition, viewers can participate by sprinkling water on the surface of the installation, which then turns on the lights.

Water Lights was created using the following: Light-emitting diodes (LEDs, 210 pieces), microcontrollers, transistors, and a pyroelectric infrared detector. Although people usually turn on lights with a switch or a sensor, in this installation, lights are turned on by water, which gives viewers a new experience.