



WHITE NOISE WHITE LIGHT

HOWELER + YOON
URBAN LIGHT INSTALLATIONS

ATHENS, GREECE

2004

LIGHT / SOUND

INSTALLATION

This project is temporary interactive urban installations for the Athens 2004 Olympics.

The project connects a luminous interactive sound and landscape in the plaza and creating a constant choreographed movement of the public.

Semi-flexible fiber-optic strands responded to the movement of pedestrians. If pedestrian moves, it emits white light and white noise.

Amount of people will create trajectories of movement and unique soundscape within the city. Finally, a large number of semi-flexible fiber optic creates a field which becomes an exterior landscape of light and sound.

Comprised of a 50' x 50' grid of fiber optics and speakers, "White Noise/White Light" is an interactive

sound and light field that responds to the movement of people as they walk through it. What appears at first to be a static, neutral and transparent grid of vertical markers dissolves into a luminous soundscape by night.

As pedestrians enter into the fiber optic field, their presence and movement are traced by each stalk unit, transmitting white light from LEDs and white noise from speakers below.

Just as white light is made of the full spectrum of color, white noise contains every frequency within the range of hearing in equal amounts. If the motion is detected, the white LED illumination grows brighter while the white noise increases in volume.

Once motion is no longer detected, the light and sound fade into dimness and silence.