



## Маяк / Beacon

### Concept: *from steam to light*

MARK / Beacon is a light installation that transforms the former industrial chimney into a bright symbol for the future Unit.City of Kiev. The beacon of light pierces the night sky, performing as a visible marker across the skyline. By day the former chimney lies dormant, a vestige to its history. By nightfall, the trace of light charges up the spine of the chimney, reaching to the summit to ignite the vertical beam of light.

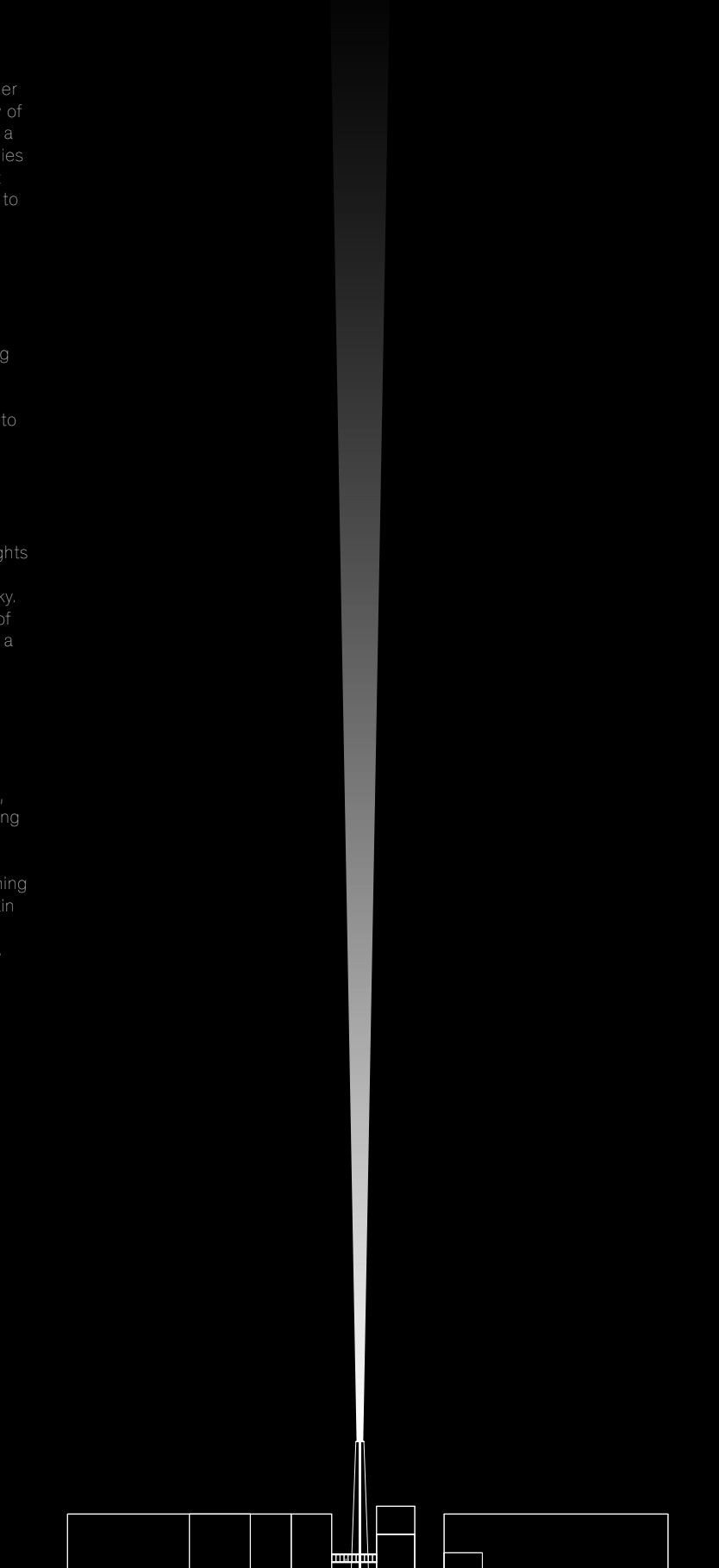
Light is known to travel at 299,792,458 metres per second; the sun takes circa 8 minutes to reach the Earth's surface. Referencing the scientific discovery of the speed of light, the installation acts in reverse as a transmitter, projecting light back into the stratosphere and beyond into an ever expanding universe. The projection travels into space and the unknown, opening questions of who may receive the message. As an immaterial medium, light is employed sculpturally in the work to give a physical presence to the site.

### The Work

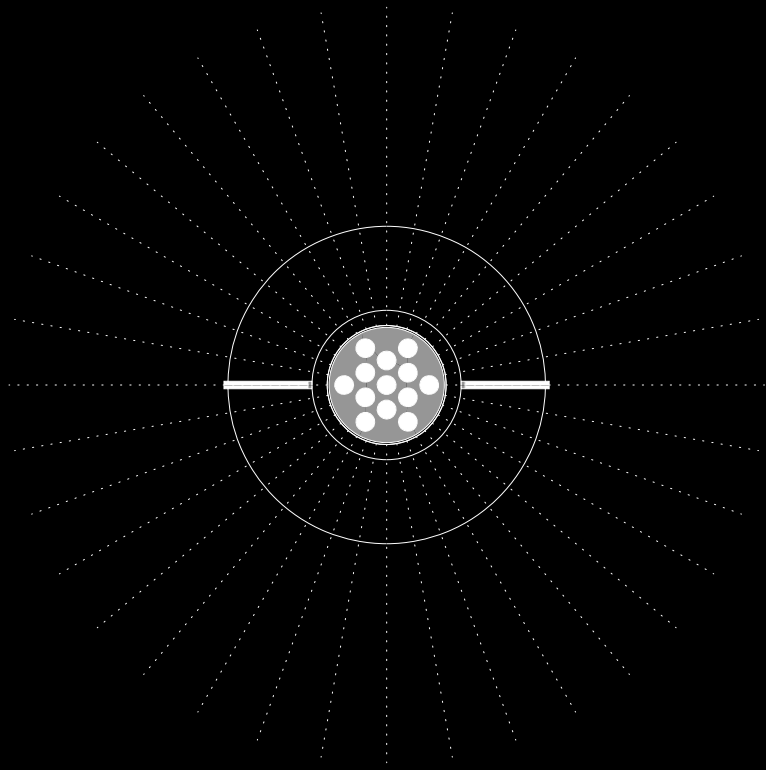
The installation consists of an array of high powered searchlights mounted inside the flue of the chimney. A fresnel lens draws the lights into a focused beam projecting vertically into the sky. Ultrabright LED bands trace symmetrically the exterior sides of the chimney from base to summit. All lighting is controlled by a custom dmx control system, 32amp phase required.

### Install Method

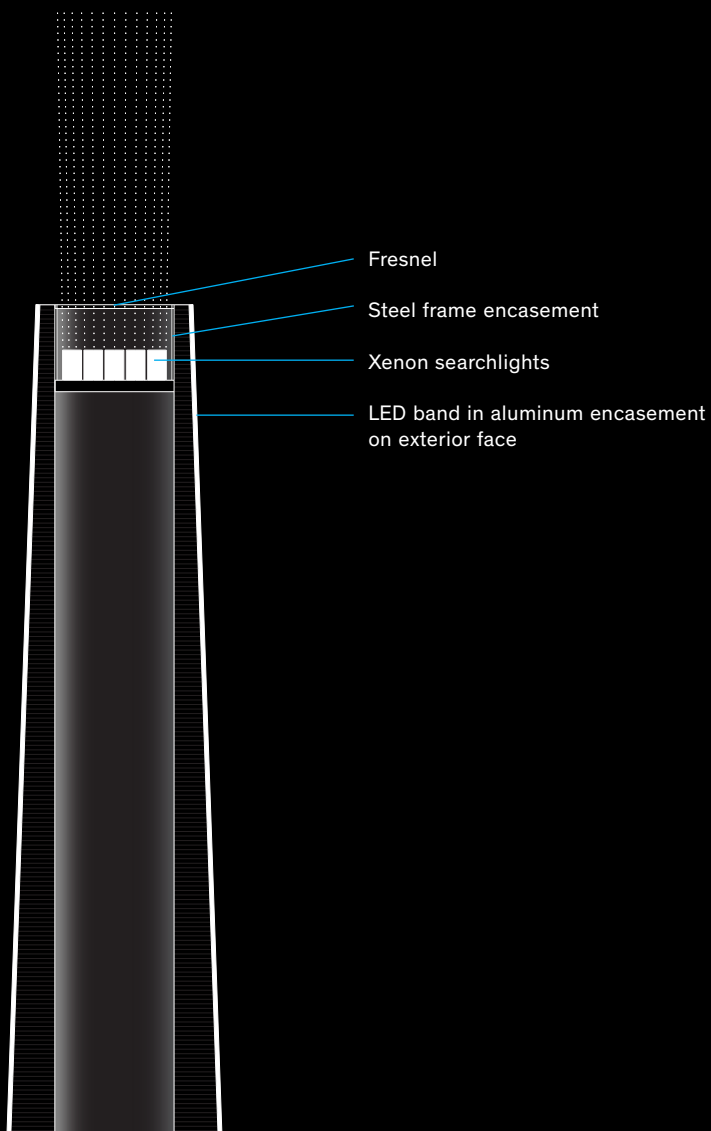
The work is made up of modular components which can be winched up to the existing upper platform. At platform height, the rigging crew create an opening in order to build the lighting platform within the flue. Individual structural components are hoisted and assembled within the chimney. The searchlights, cabling and fresnel are then lifting and set in place. The opening will become a permanent service hatch to secure and maintain the equipment. Secure rigging points are fastened to the exterior face of the chimney prior to installing the LED bands.



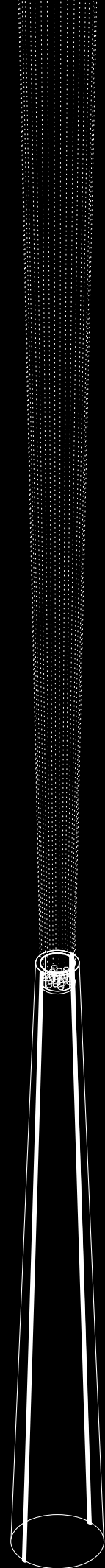




Plan



Section



Axonometric