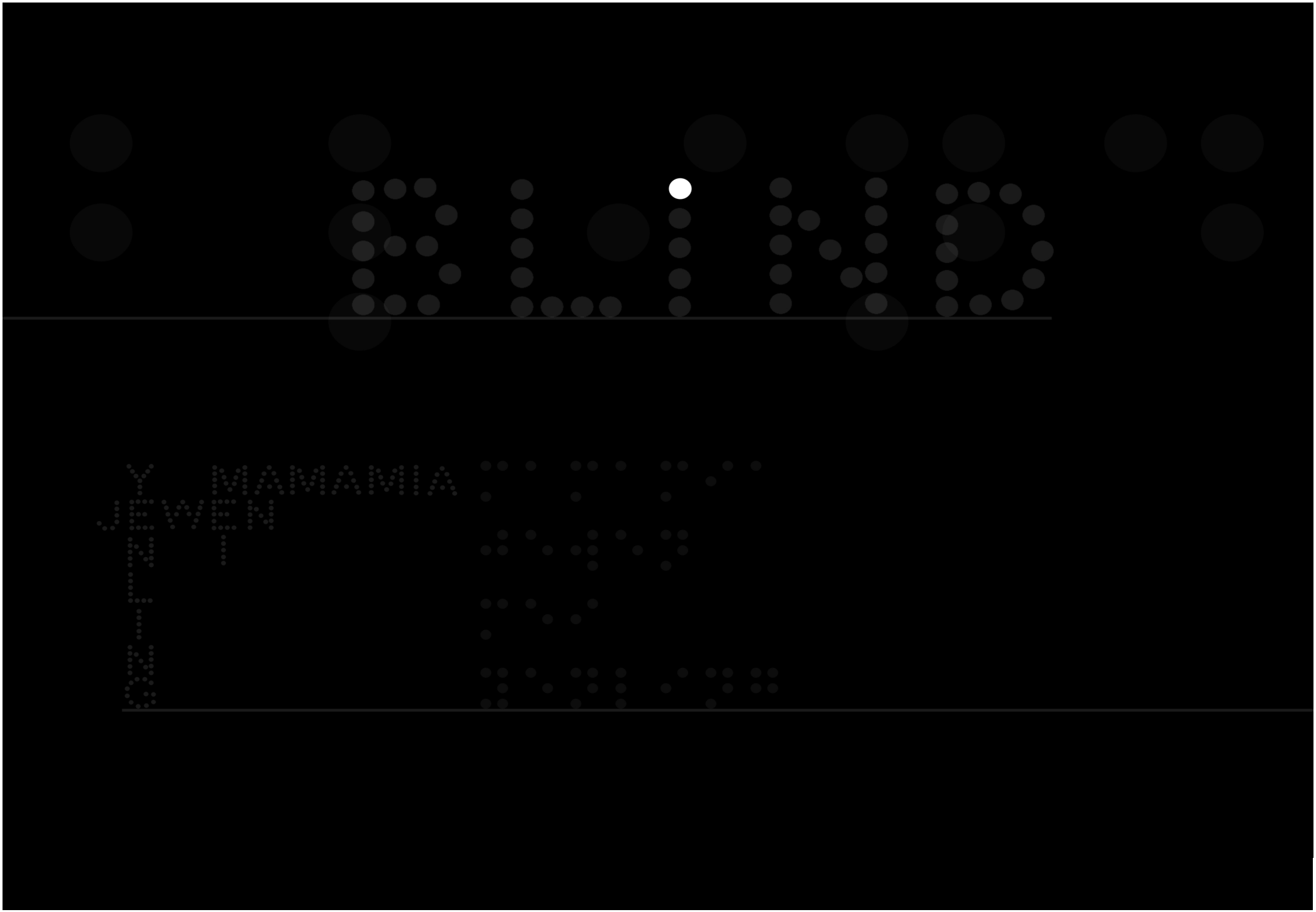

BLIND
Y MAMAMIA
JEWEN

Y MAMAMIA
JEWEN
N T
L
I
N
G

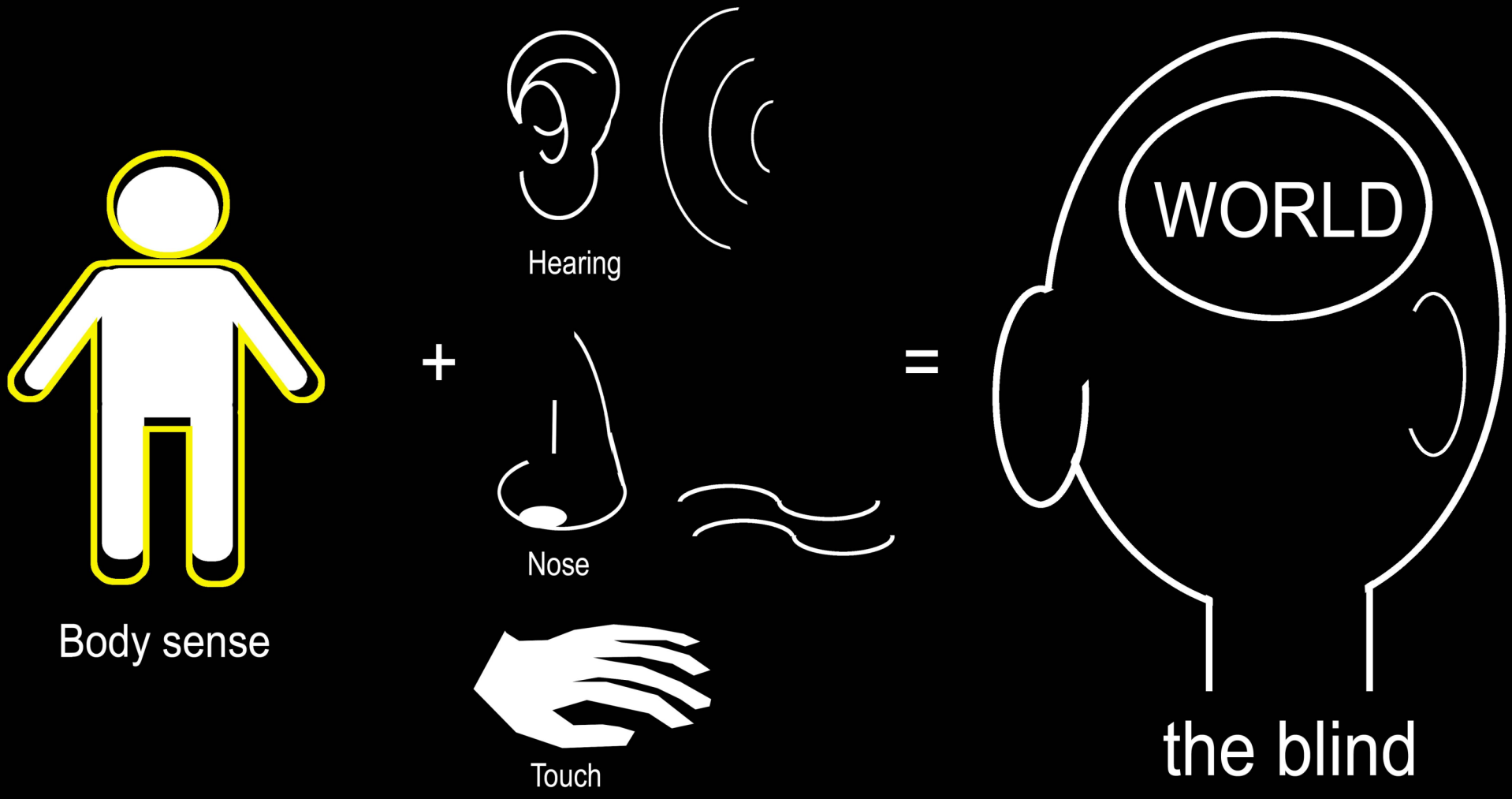
妳是我的眼
YOU ARE MY EYES

The darkness in my eyes is not the black.

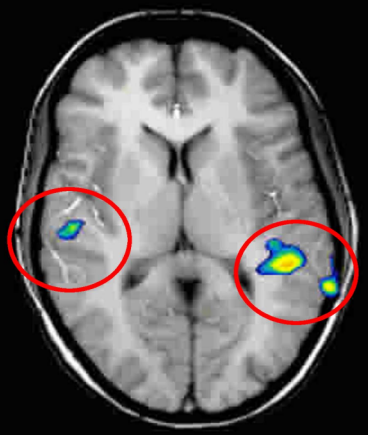
What is the whiteness you call white?

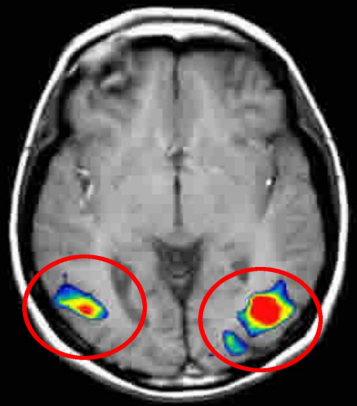
Can I do design without eyes?

SPACE COGNITION



Brain Reaction



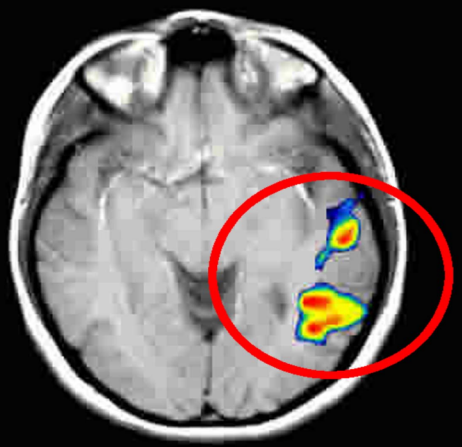


people can see

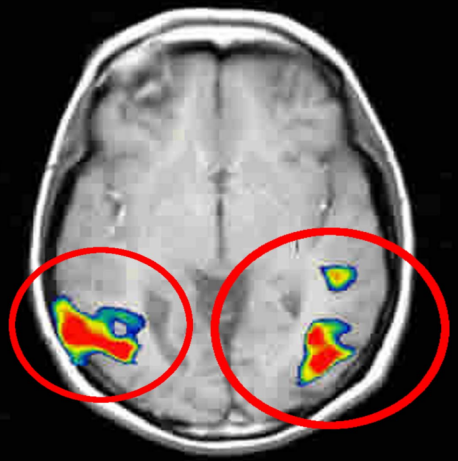
the blind

static sound source

Brain Reaction



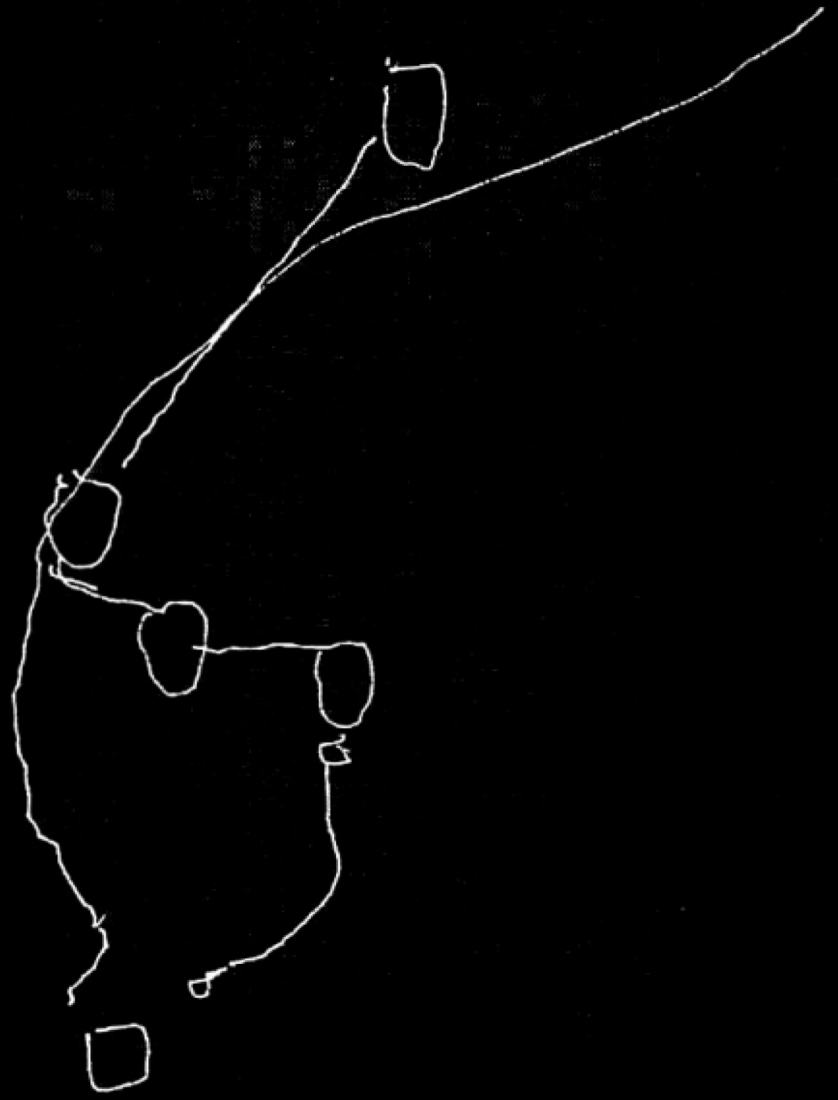
people can see



the blind

moving sound source

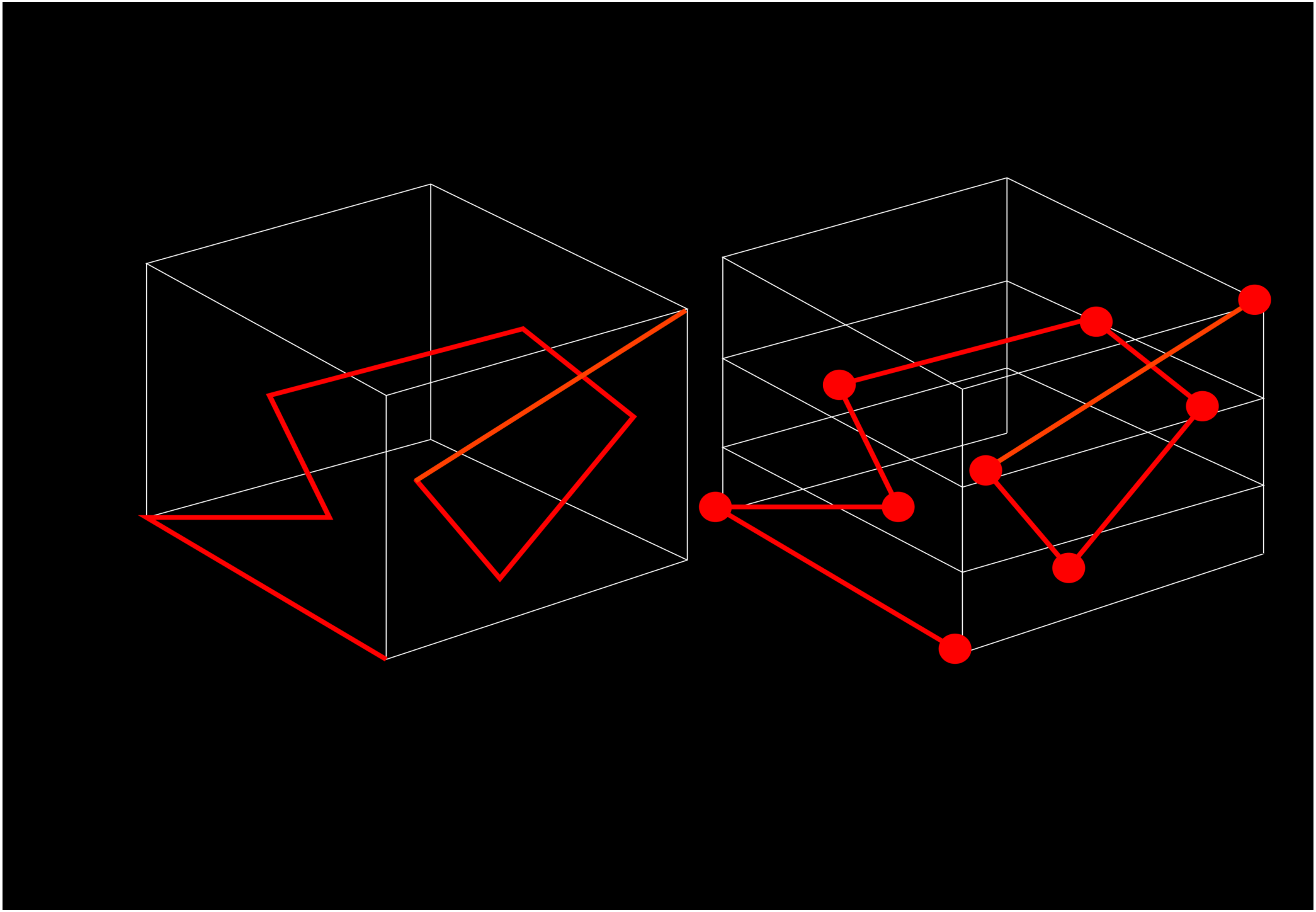
Cognitive Map



Construct the map by moving

The blind construct the Cognitive map by moving. There are obvious nodes and path from cognitive map that organized by mutual sense. Therefore, the sense of space is the element to build a cognitive map.

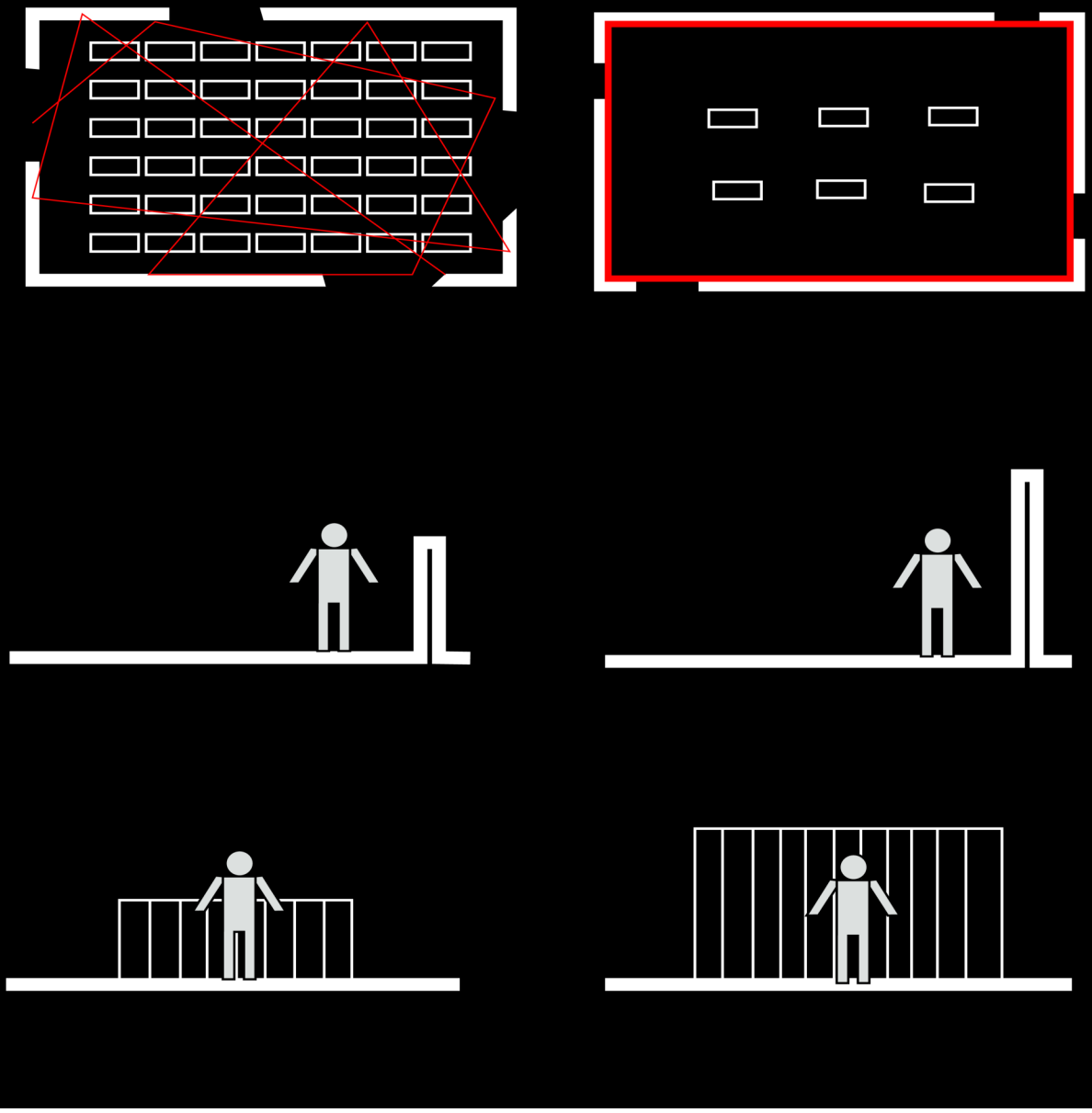


Recognize the space

- The scale of space- bigger than a classroom
- Familiar or not – have been here or not
- Other sense – the compare and memory of smelling, hearing, touching

Facility for blind



BLIND

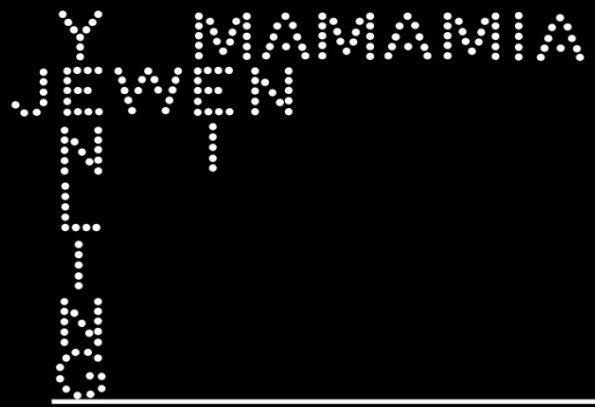
People thought that they can see all. But those who cannot “see” the space do recognize much more than us.
Normal people memorized spaces almost 80% by vision, there for, the other senses of human were ignored gradually, and the sense of sight becomes the only focus of space forming.
These lessons are about dark and light, blind and not blind.

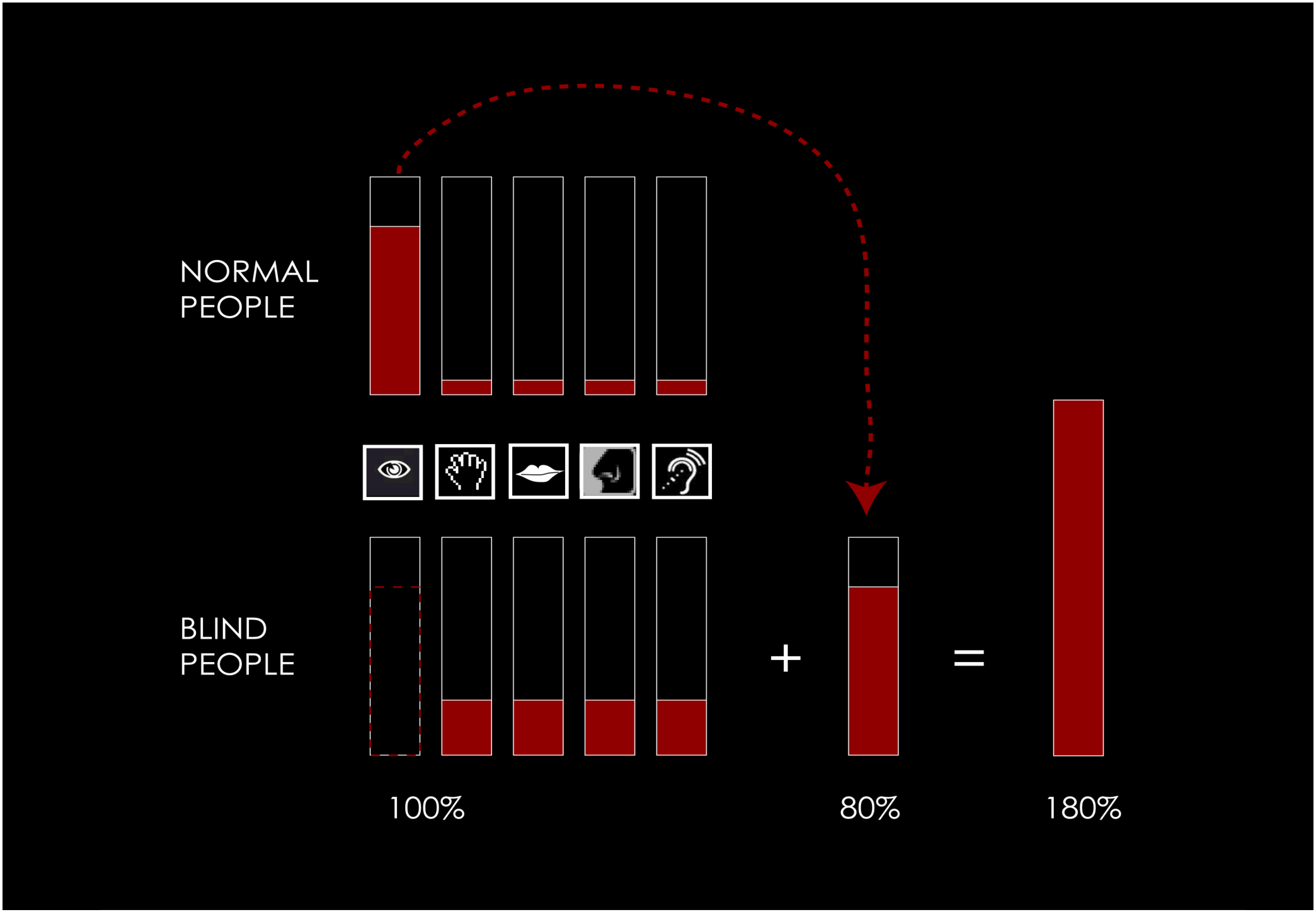
Blind is not blind ; space is not spaced.

BLIND

You thought you see all, but space could tell you more.

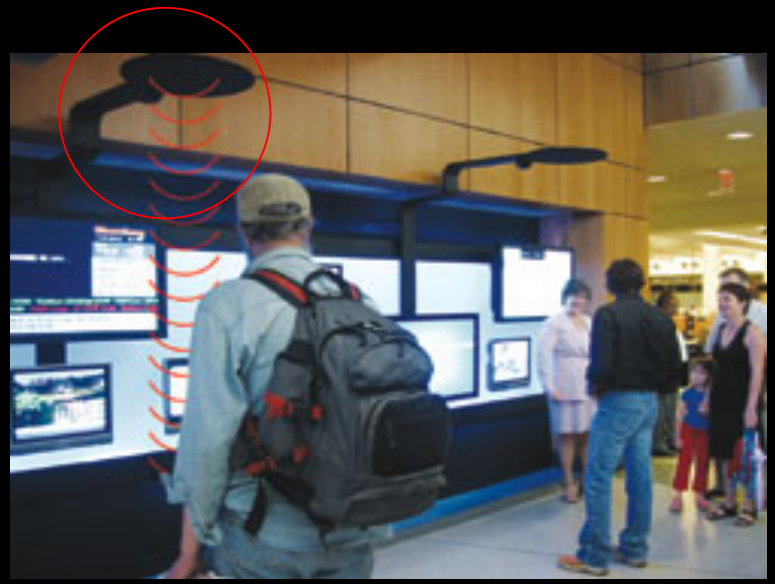
People thought that they can see all. But those who cannot “see” the space do recognize much more than us.
Normal people memorized spaces almost 80% by vision, there for, the other senses of human were ignored gradually, and the sense of sight becomes the only focus of space forming.
There lessons are about dark and light, blind and not blind.

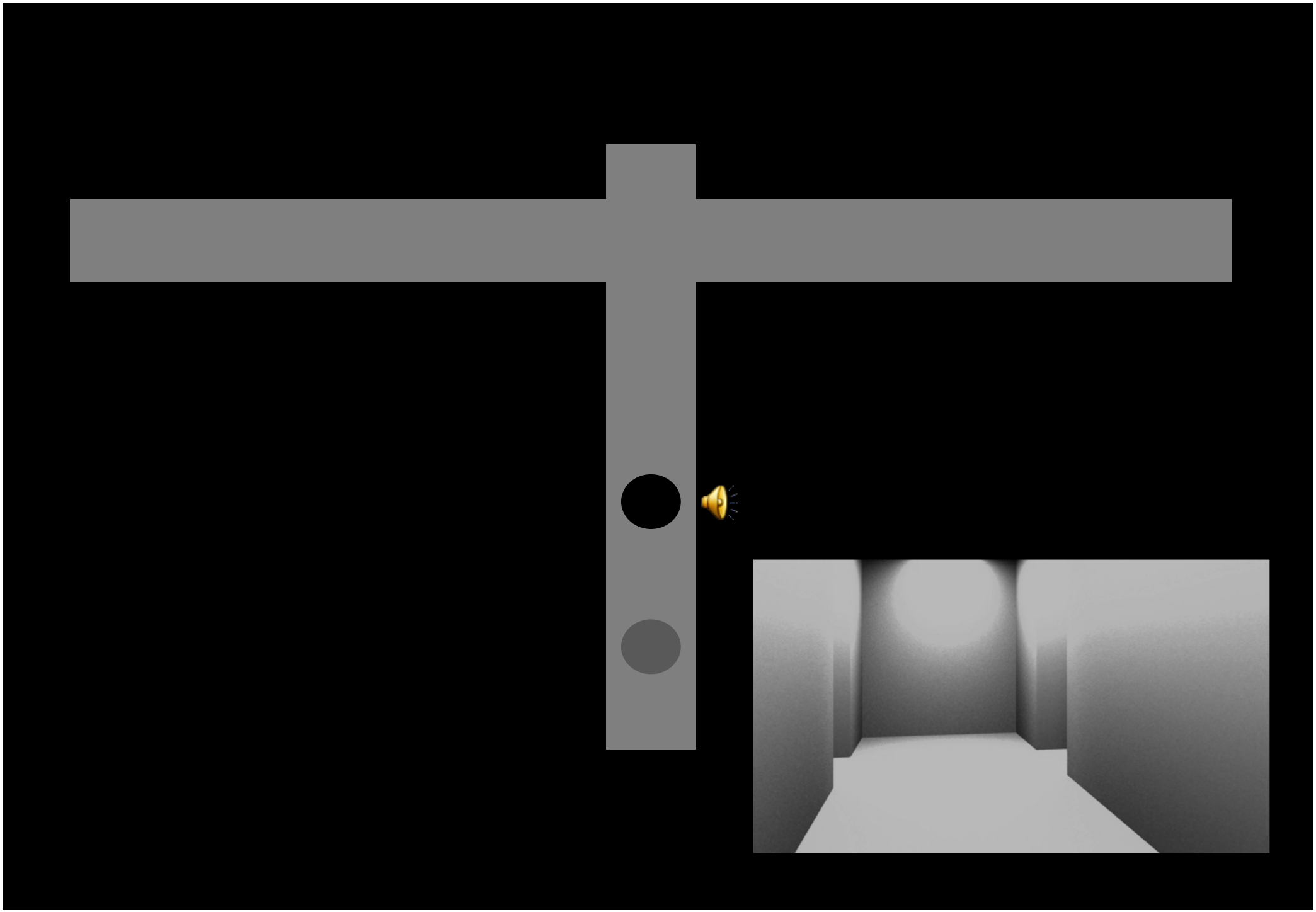


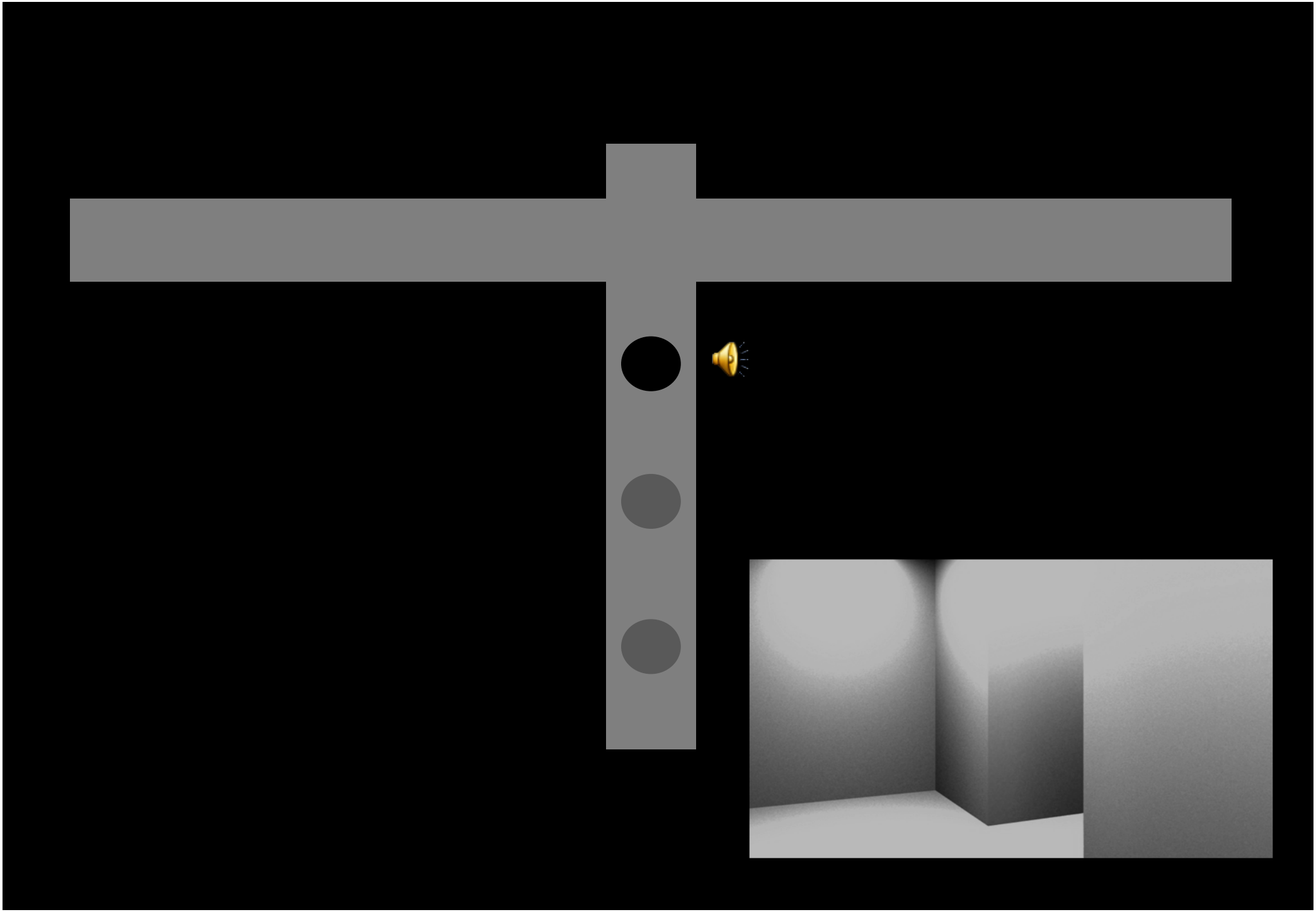

NORMAL
PEOPLE
BLIND
PEOPLE
+
=
100%
80%
180%

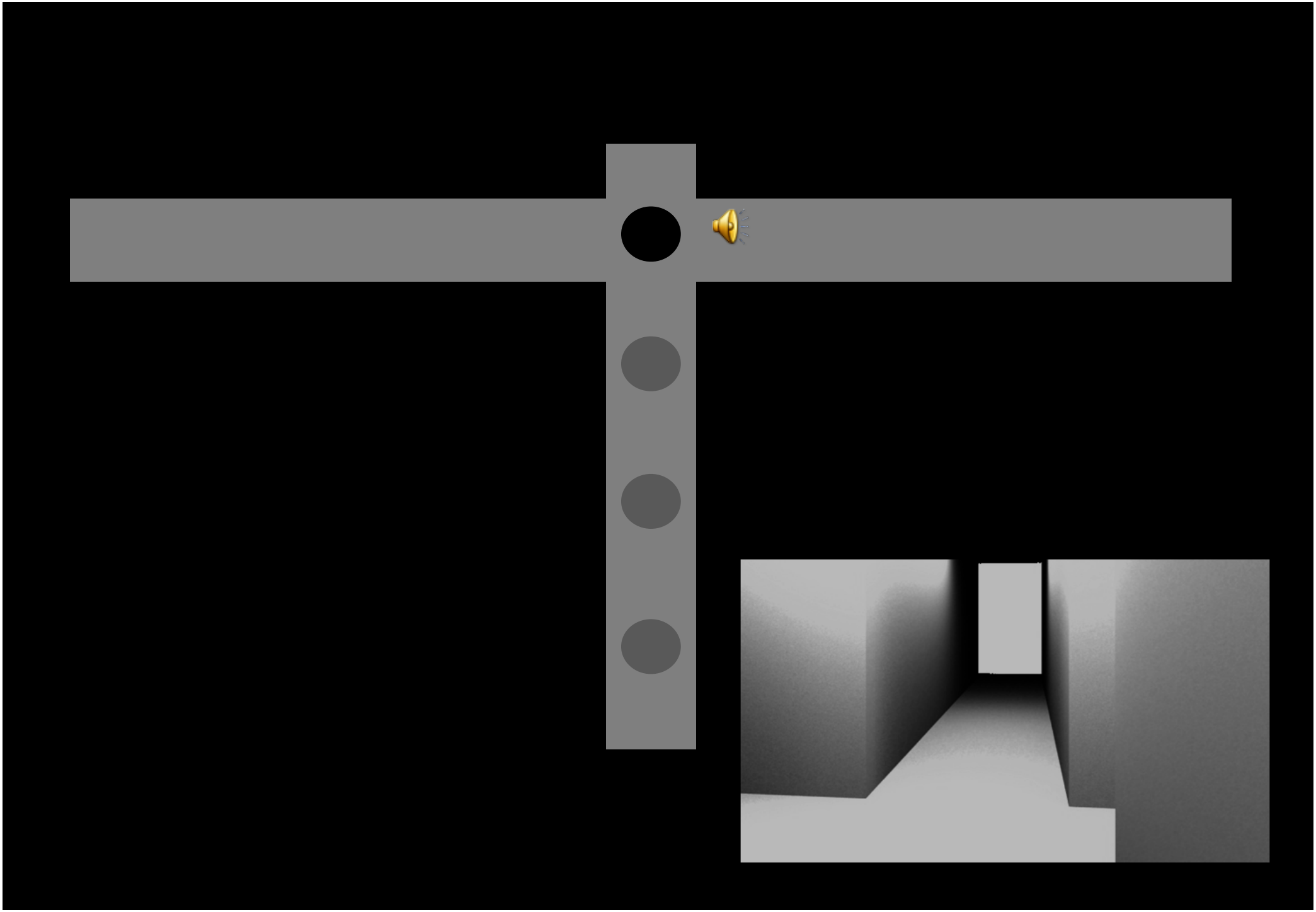
Lesson 1

How to understand the width of a space

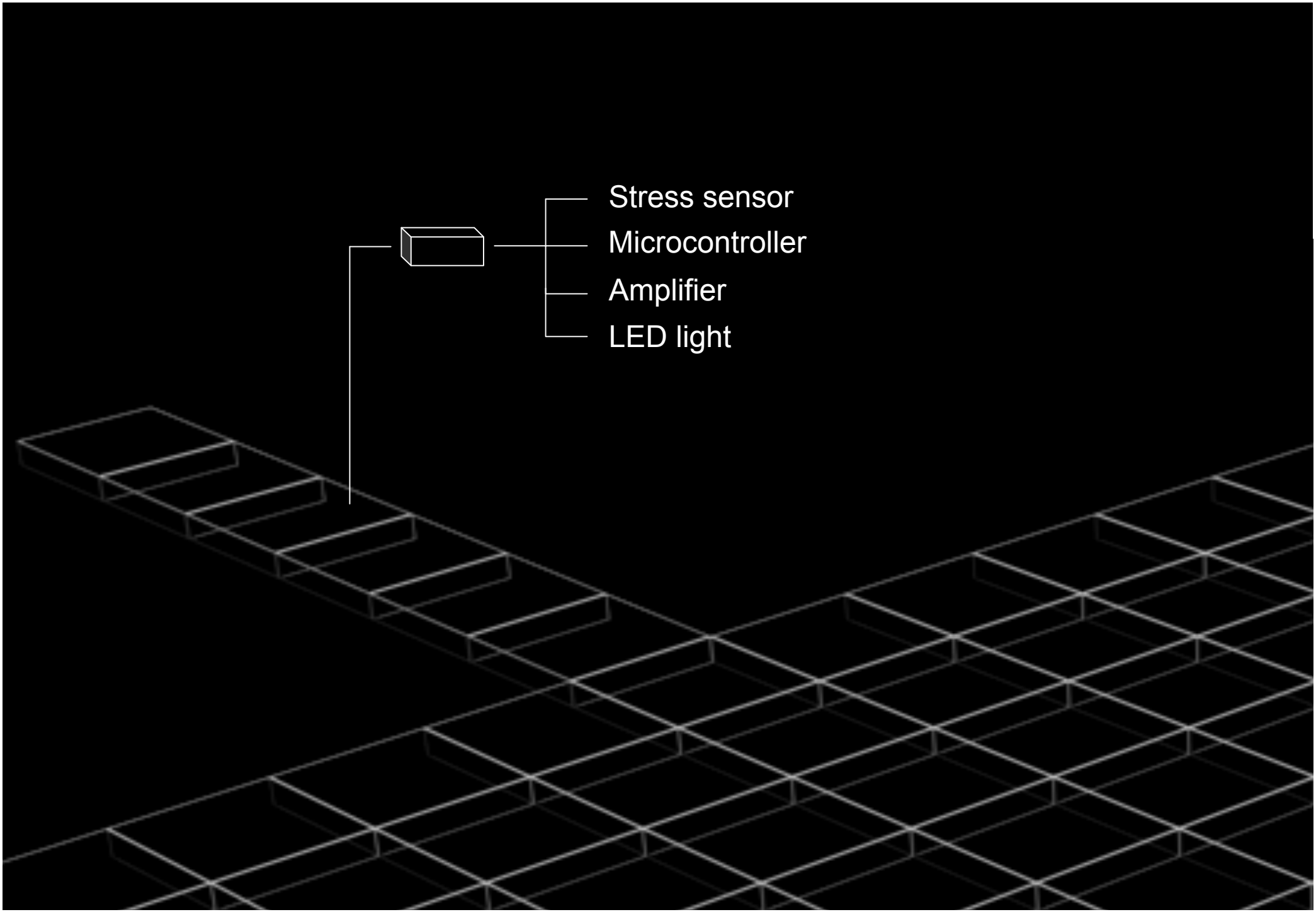


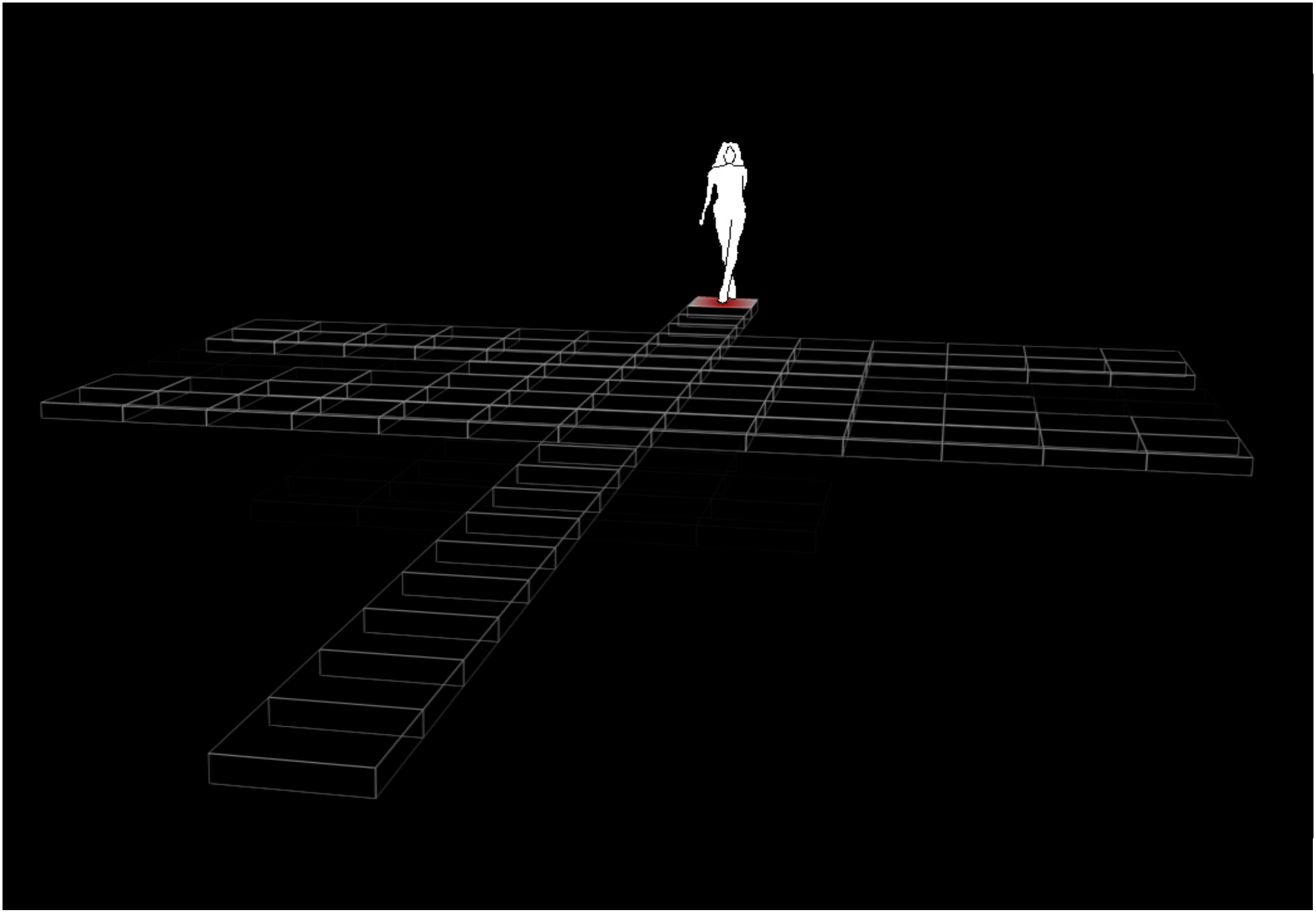


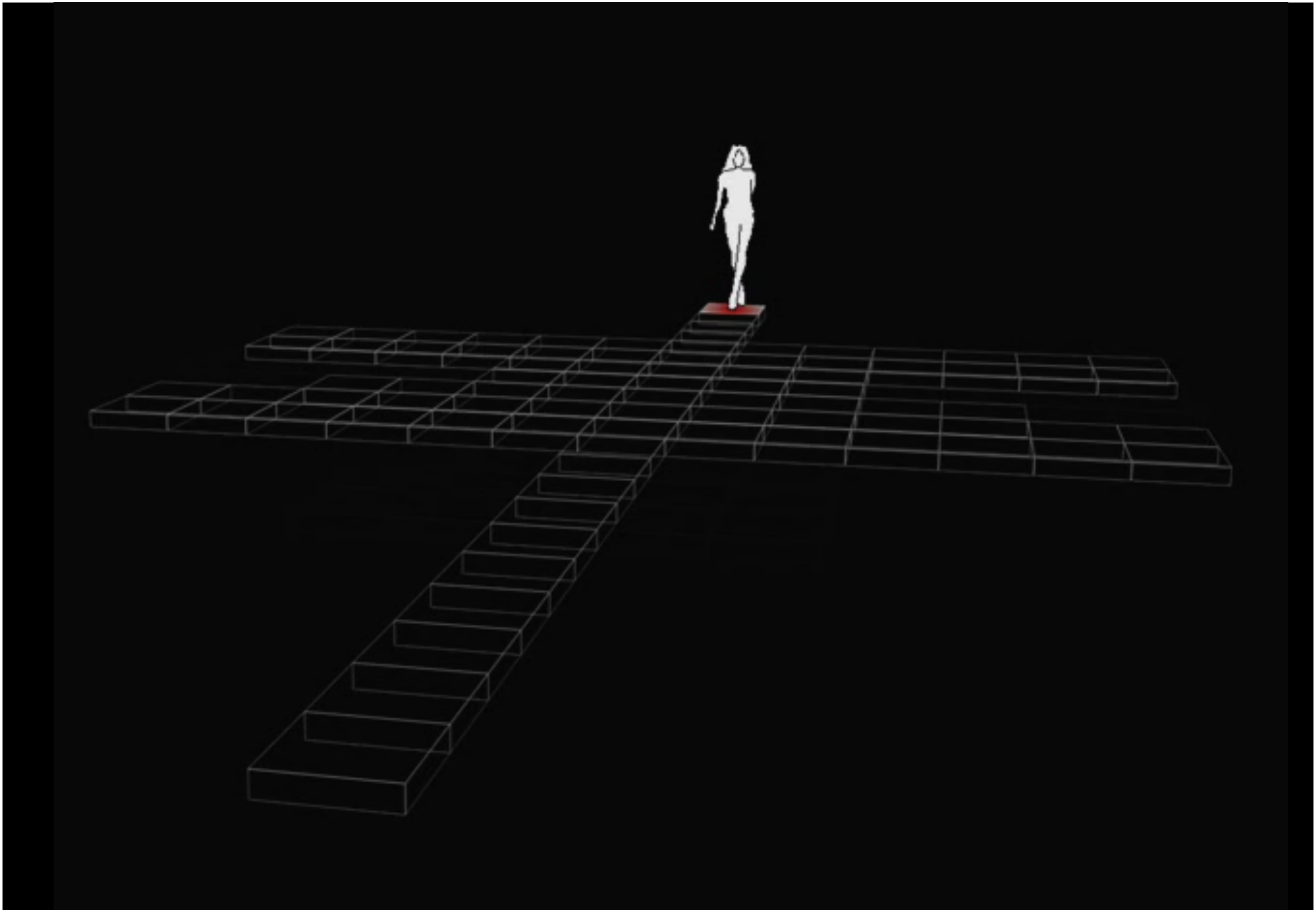


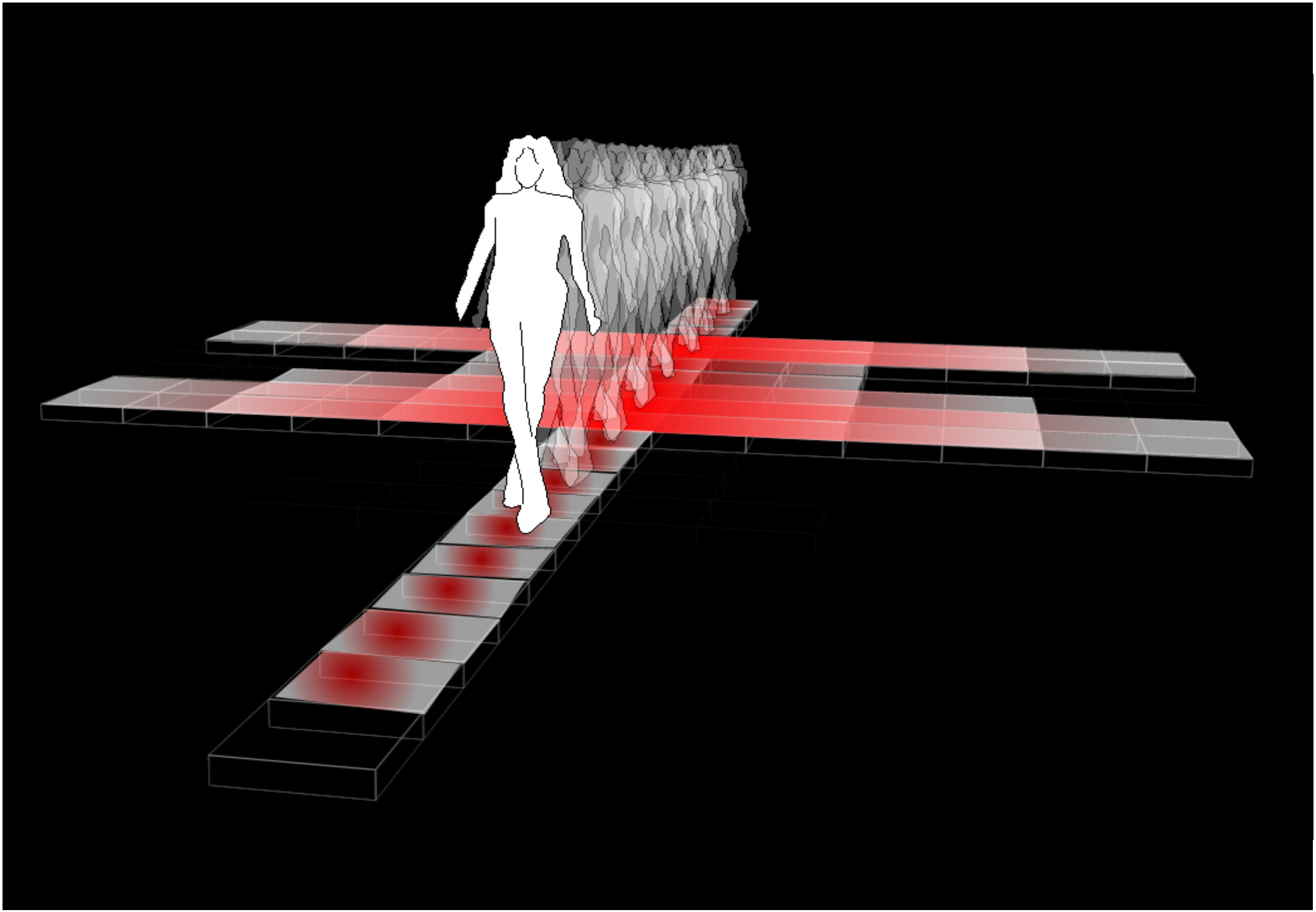


Technical runway


Stress sensor
Microcontroller
Amplifier
LED light





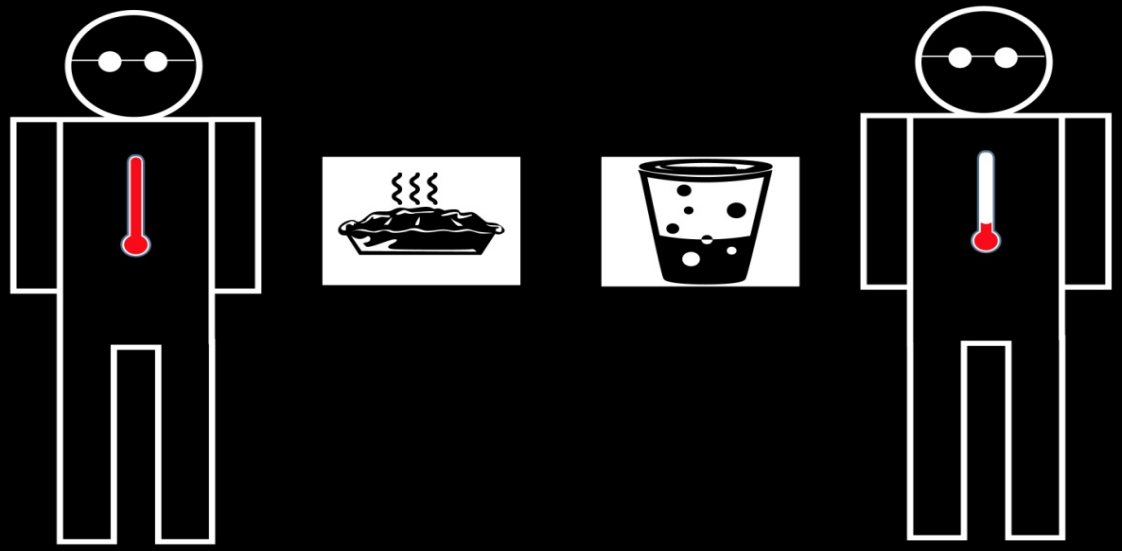


Lesson 2

Follow the warm, the warm also follows

Temperature

How sensitive the blind feel about the temperature?

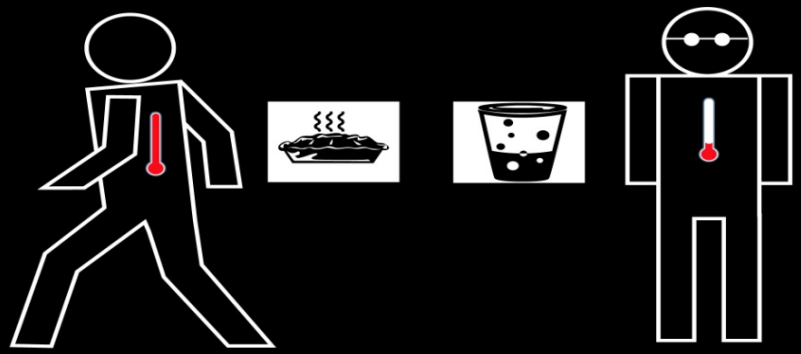


Blind Dancer

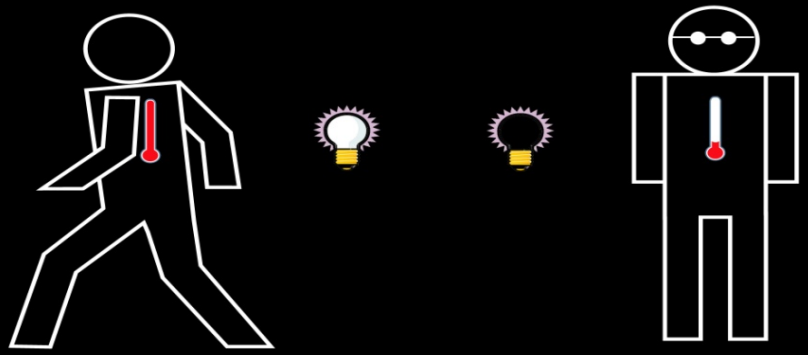
The blind dancer feel the light of the temperature and dances with light accurately after the practice.

Light Wall

A blind can follow the heat to go

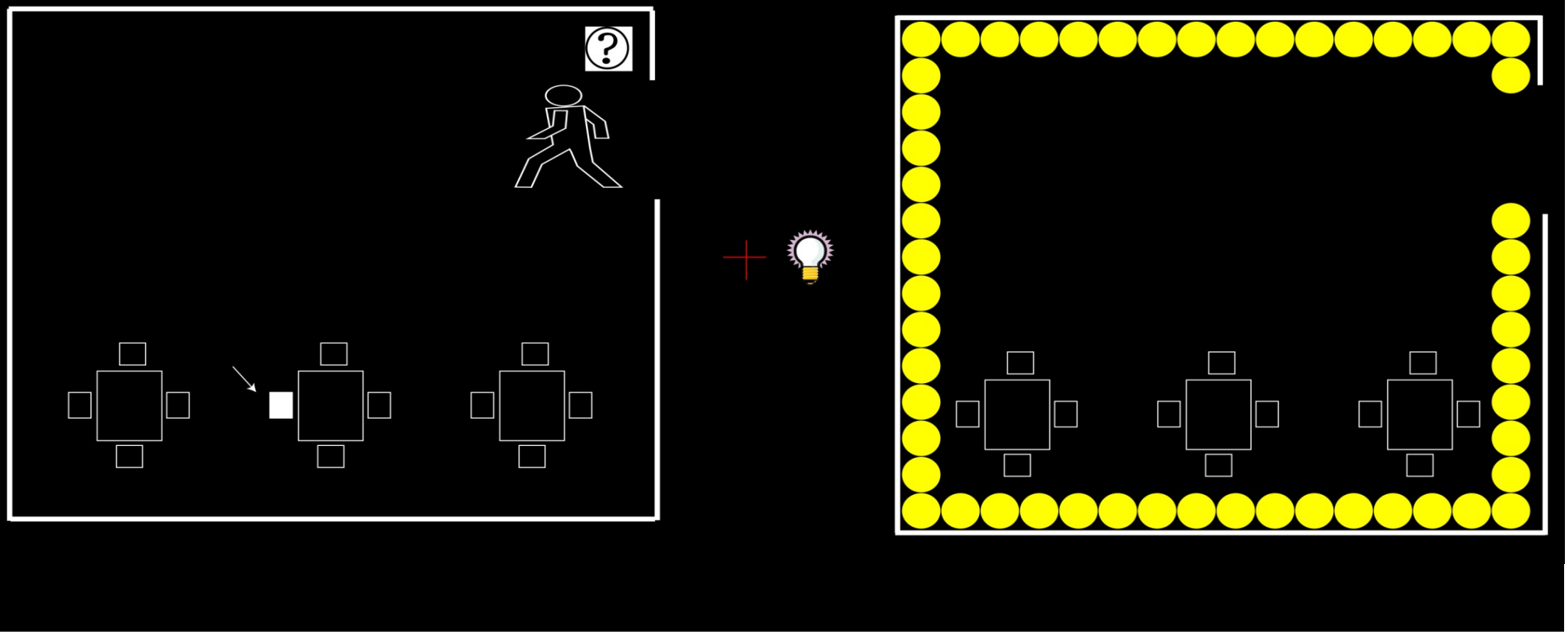


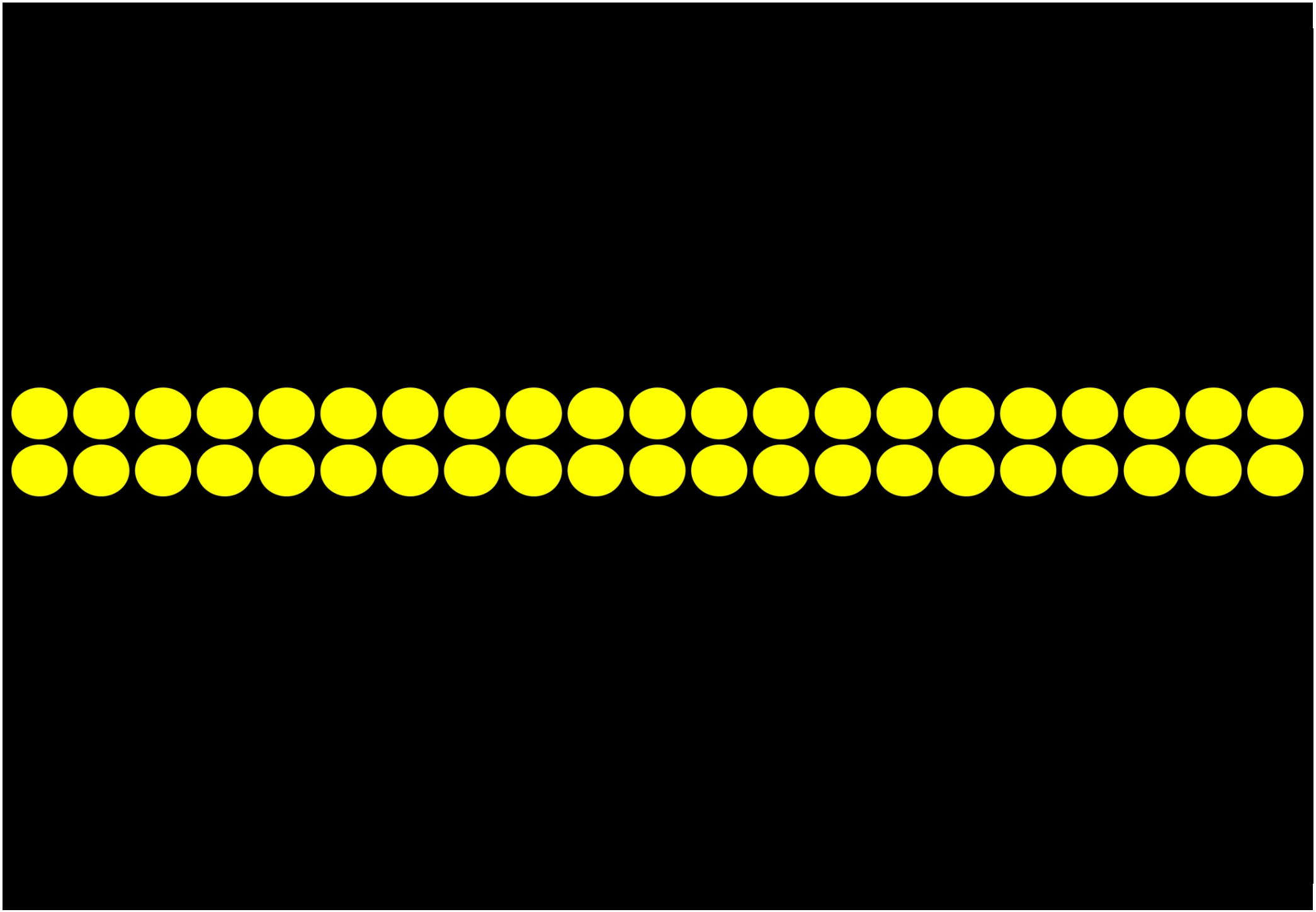
The heat can be the light emitted

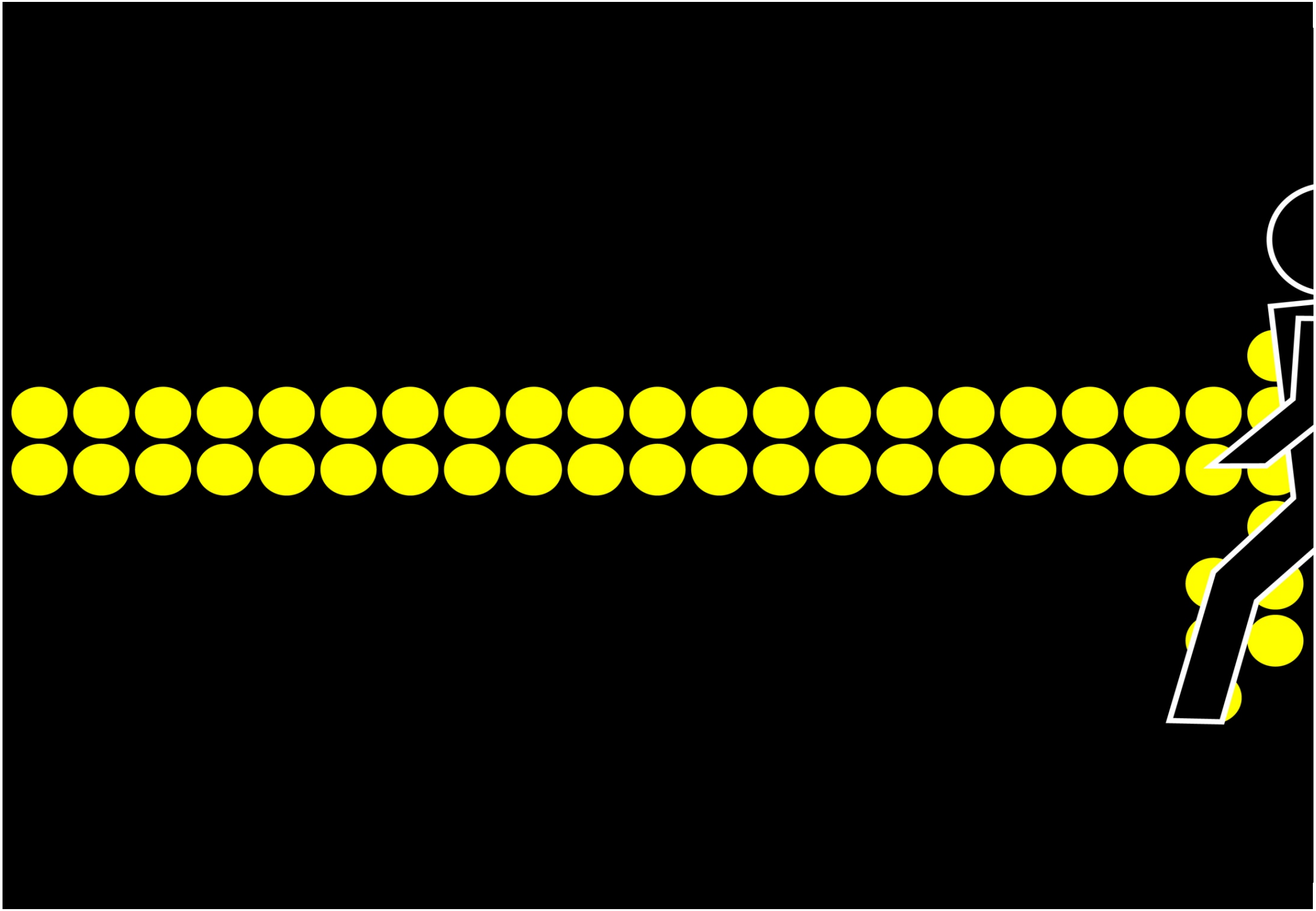


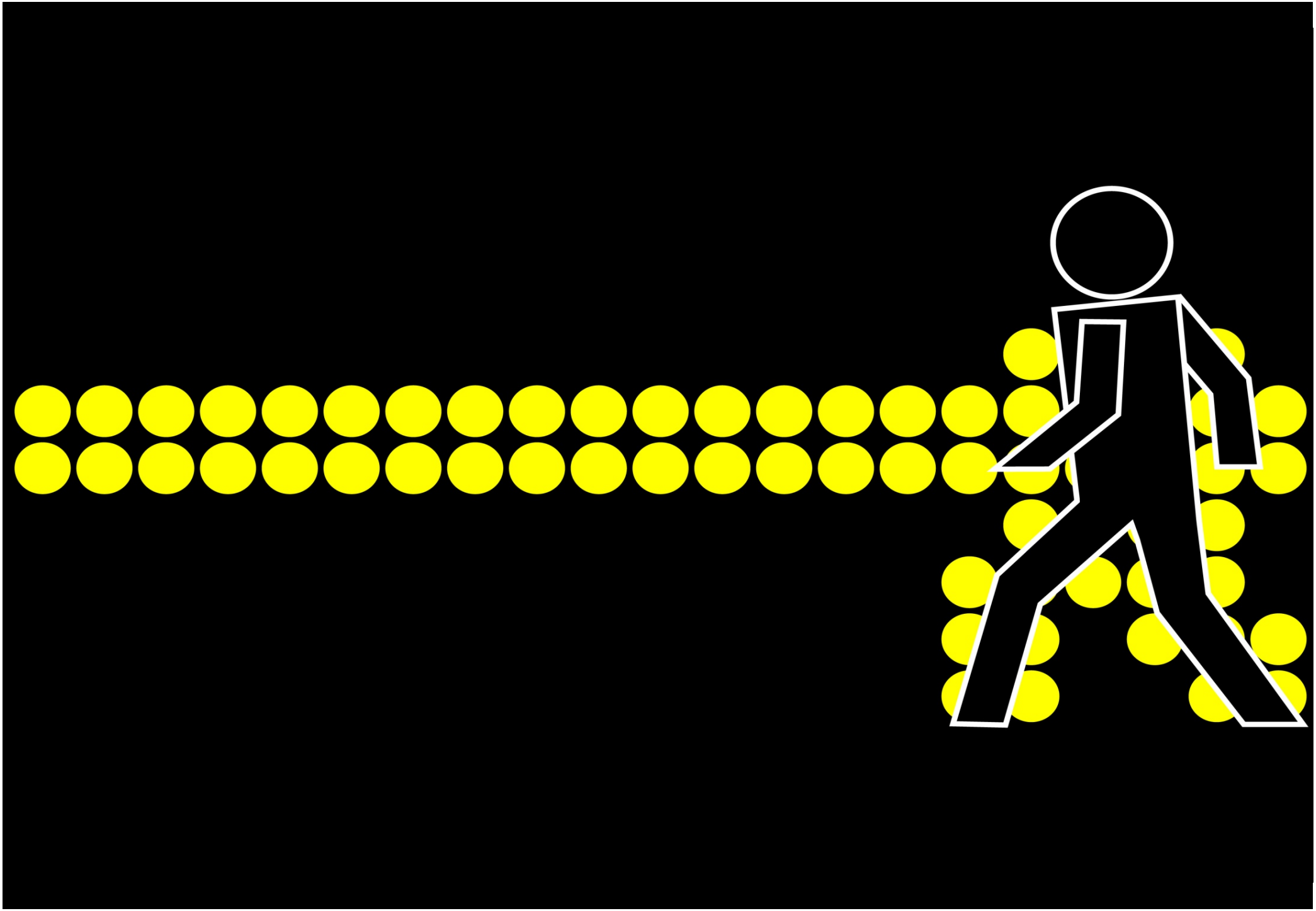
Light Wall

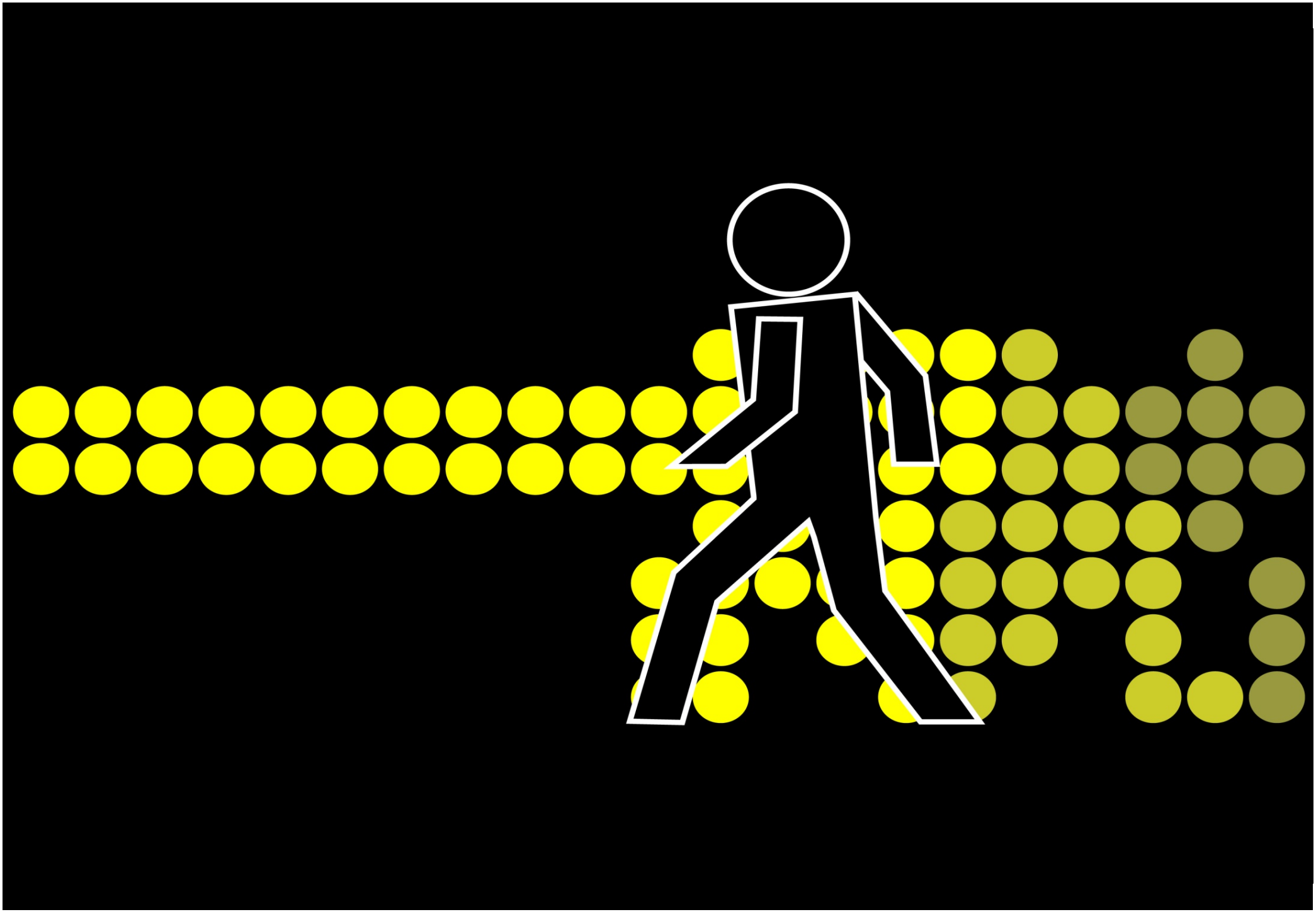
Turning on/off lights on the wall can direct a blind

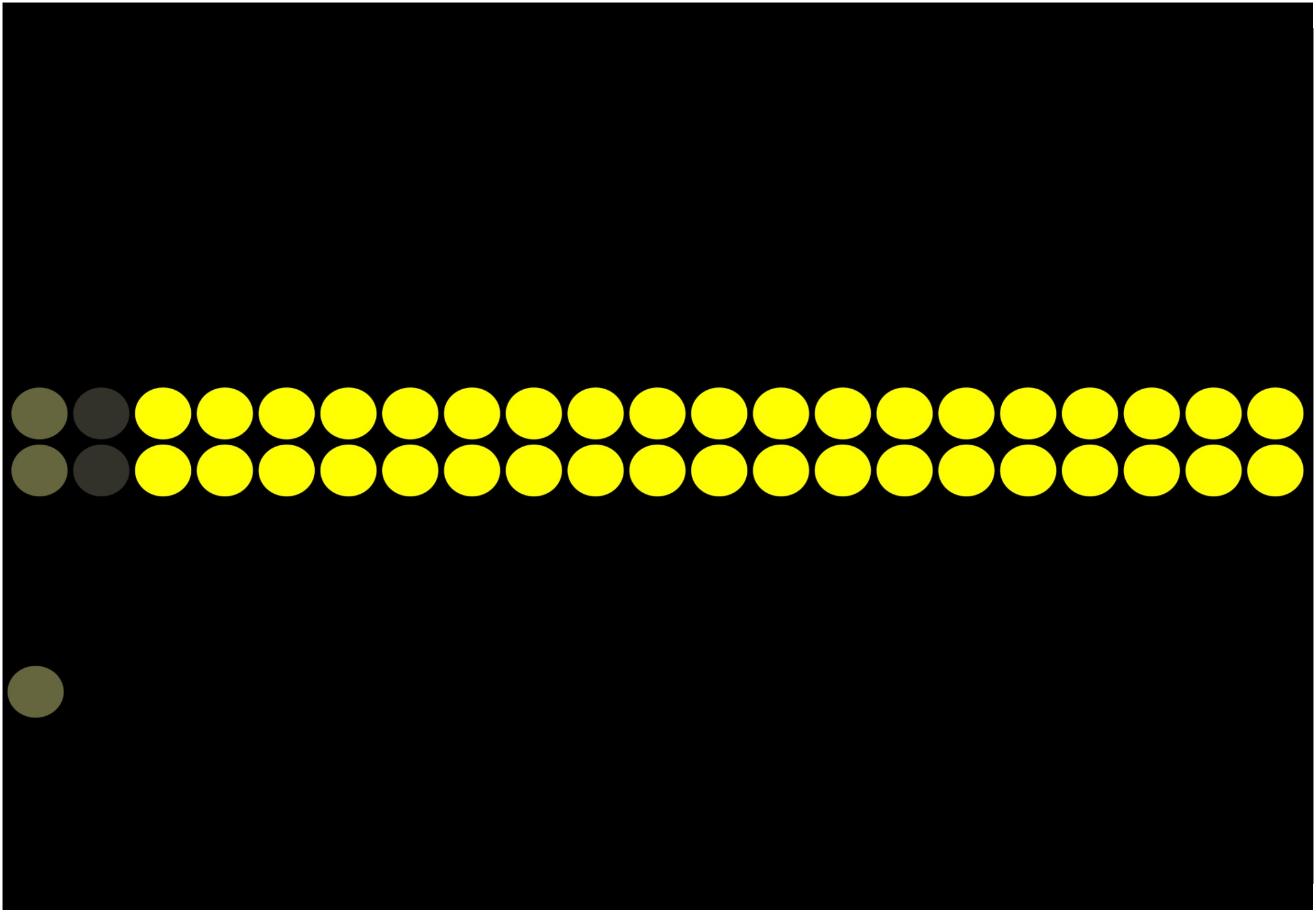


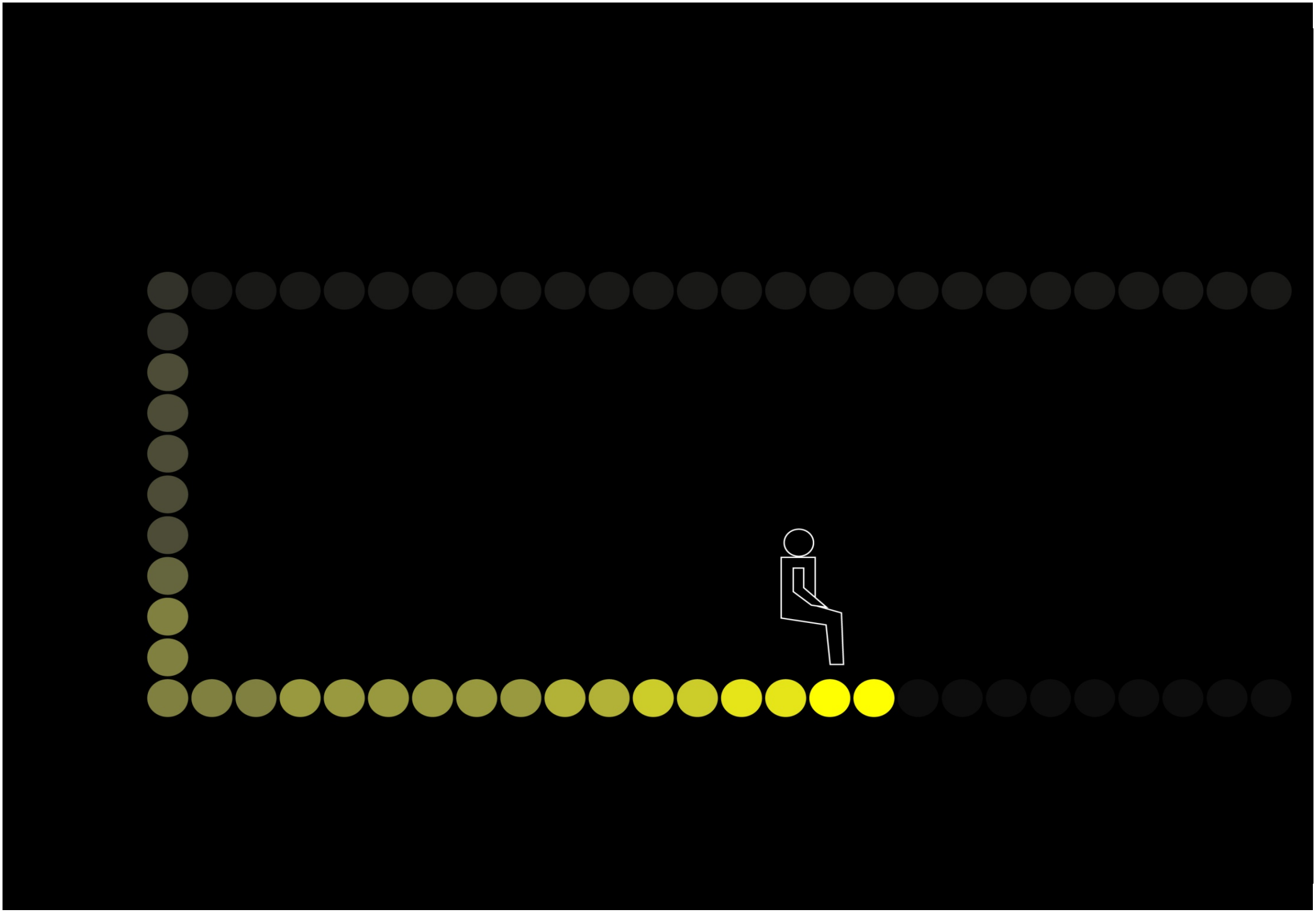






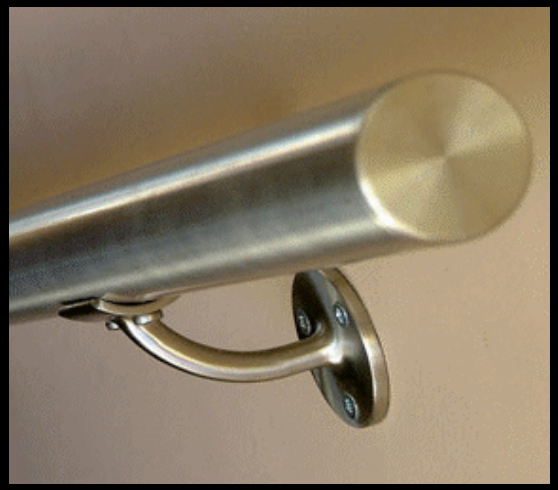


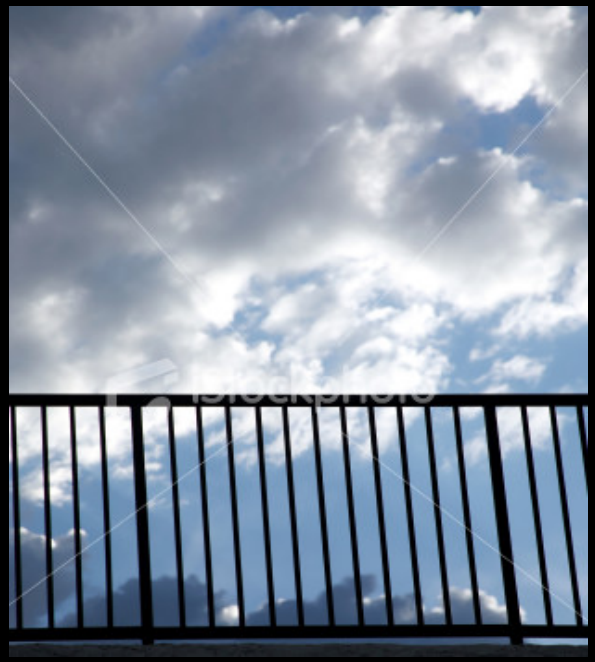


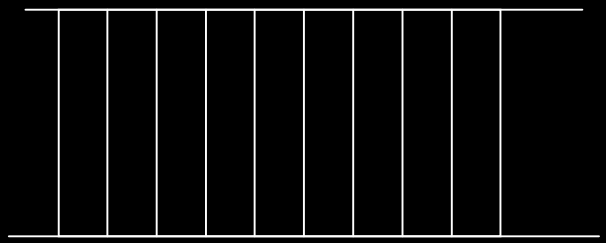


Lesson 3

Can we touch the space?

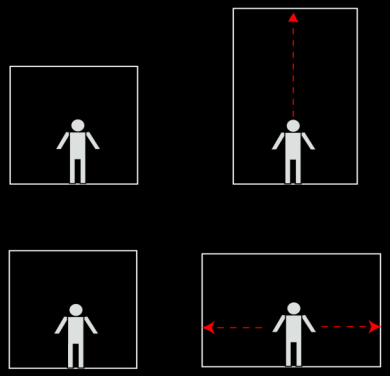






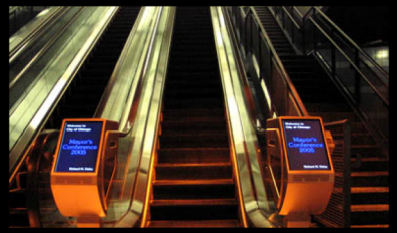
All the handrail have the similar type, and they only just a tool to support the blind.

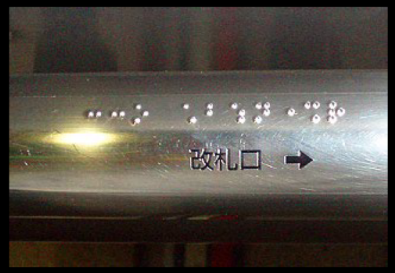
Can the handrail be an instrument for blind to gain the more information?

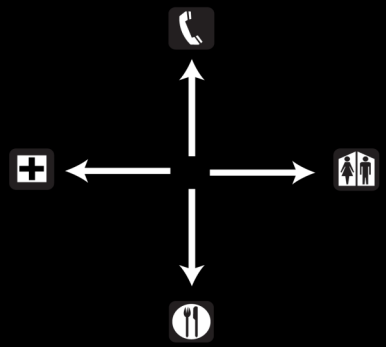


Space information

-The Type of the handrail
-The temperature of the handrail

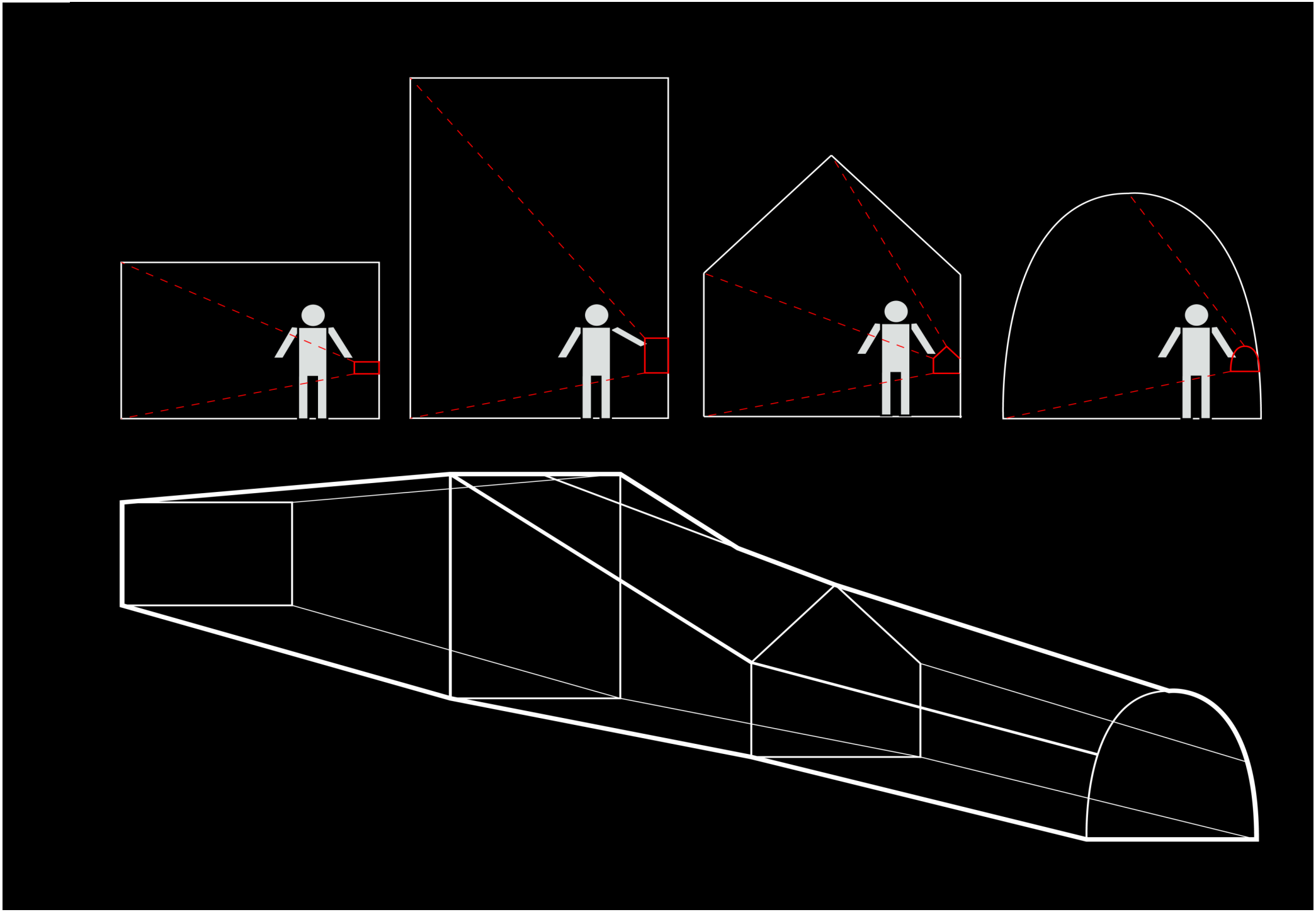


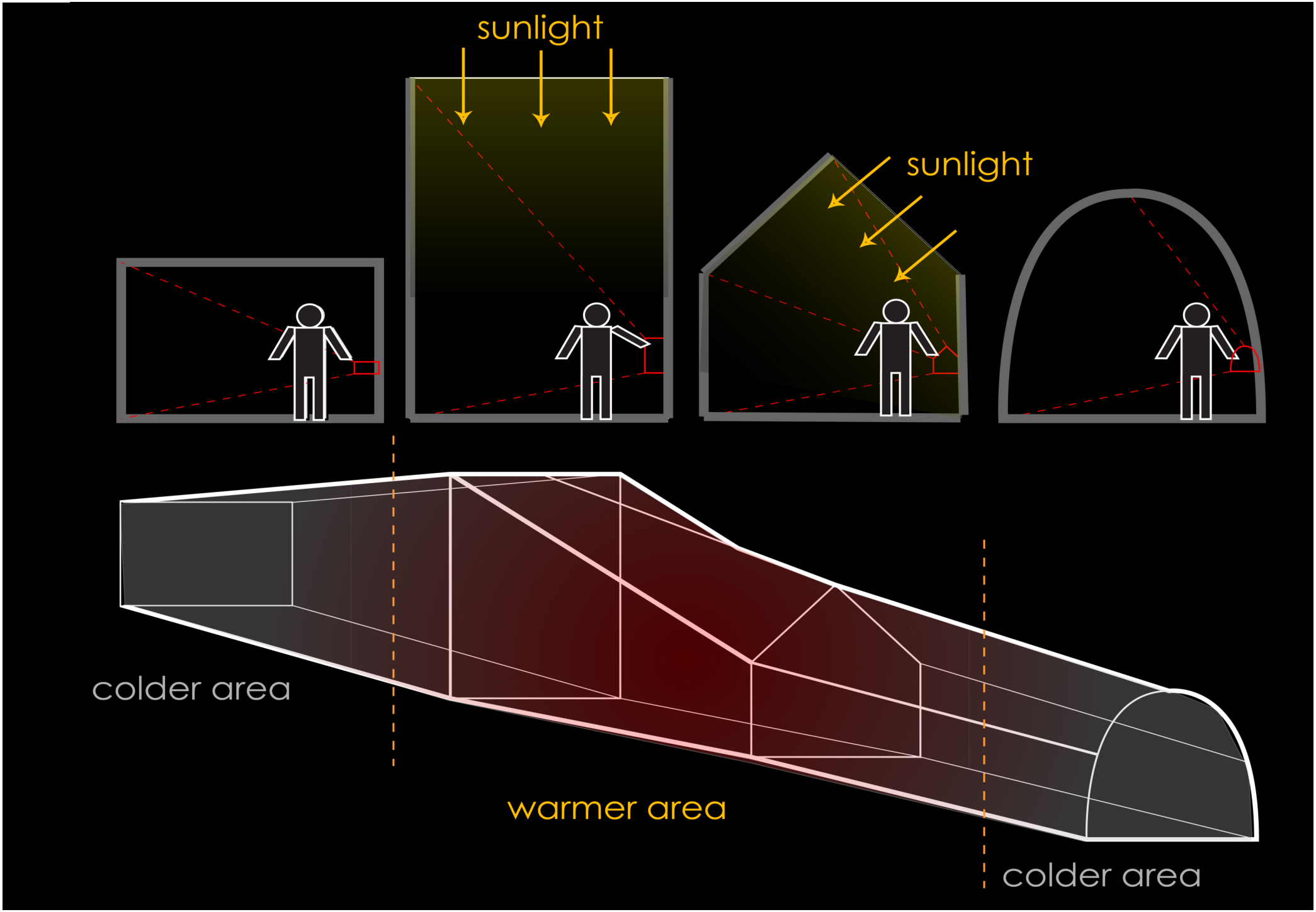


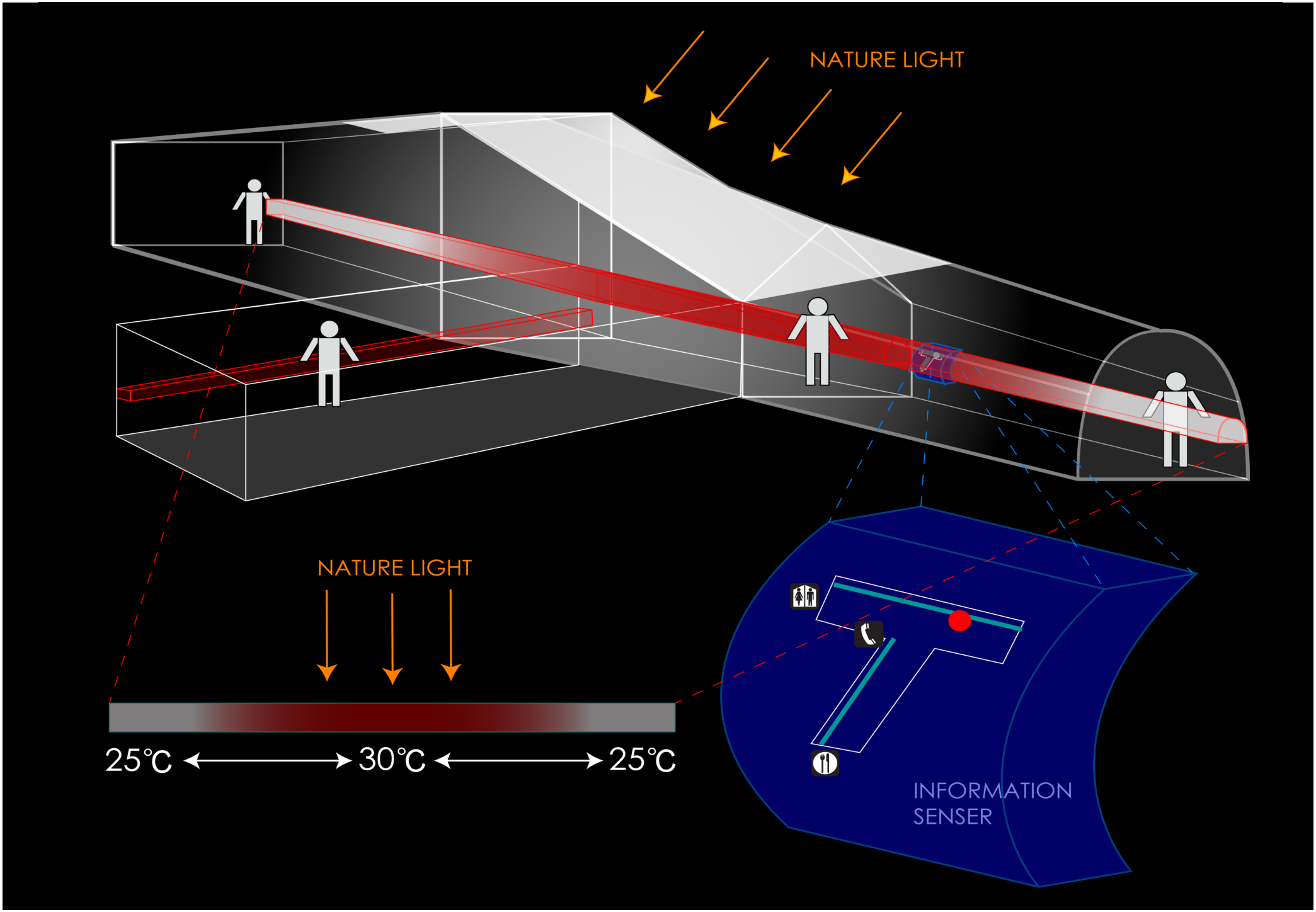


Direction information

-A virtual map
-Braille



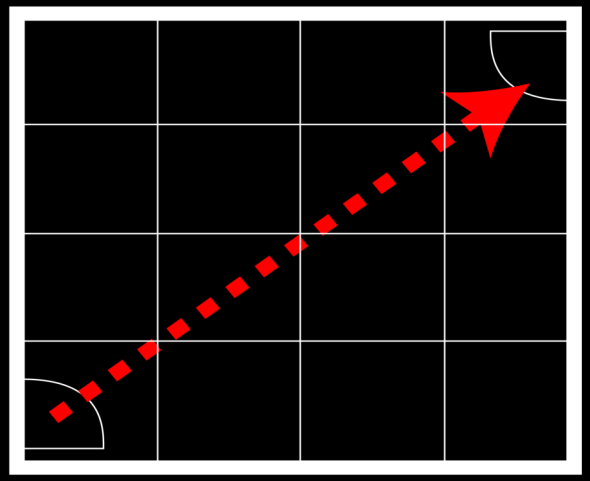

sunlight
sunlight
colder area
warmer area
colder area


NATURE LIGHT
NATURE LIGHT
25℃
30℃
25℃
INFORMATION
SENSER

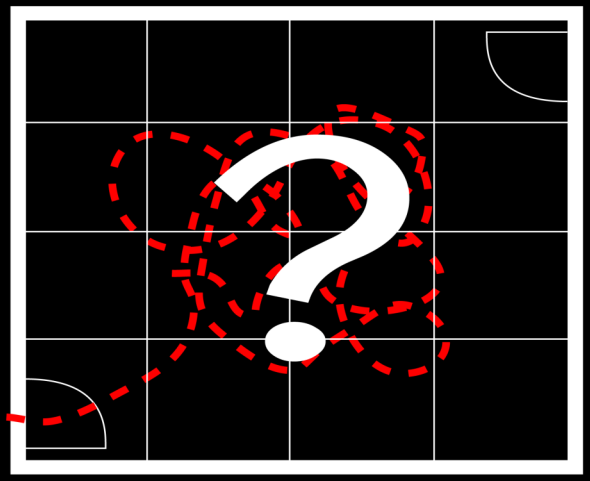
Lesson 4

The walking stick may lied you

NORMAL PEOPLE

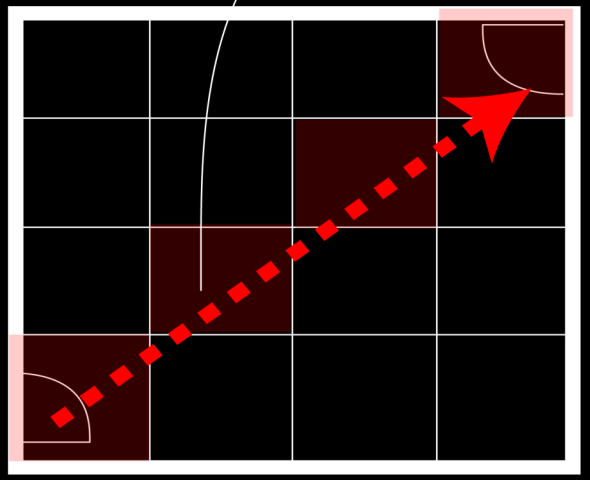


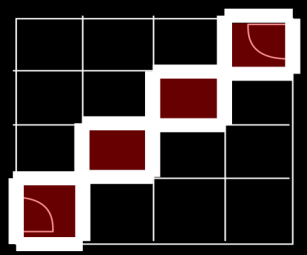
BLIND

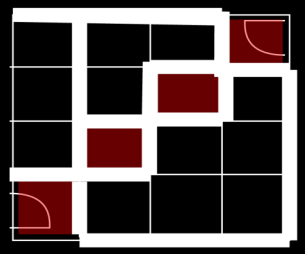


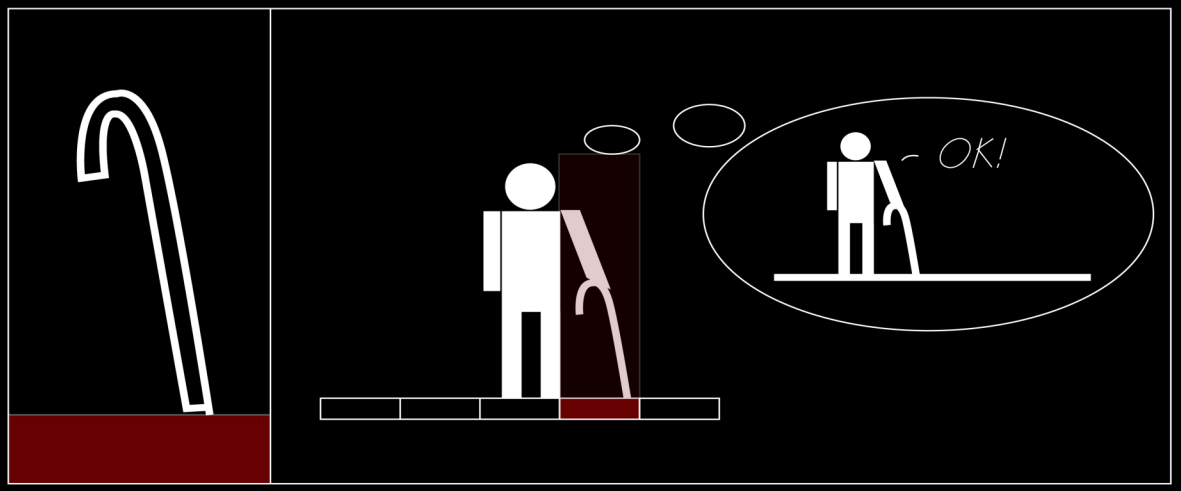
design

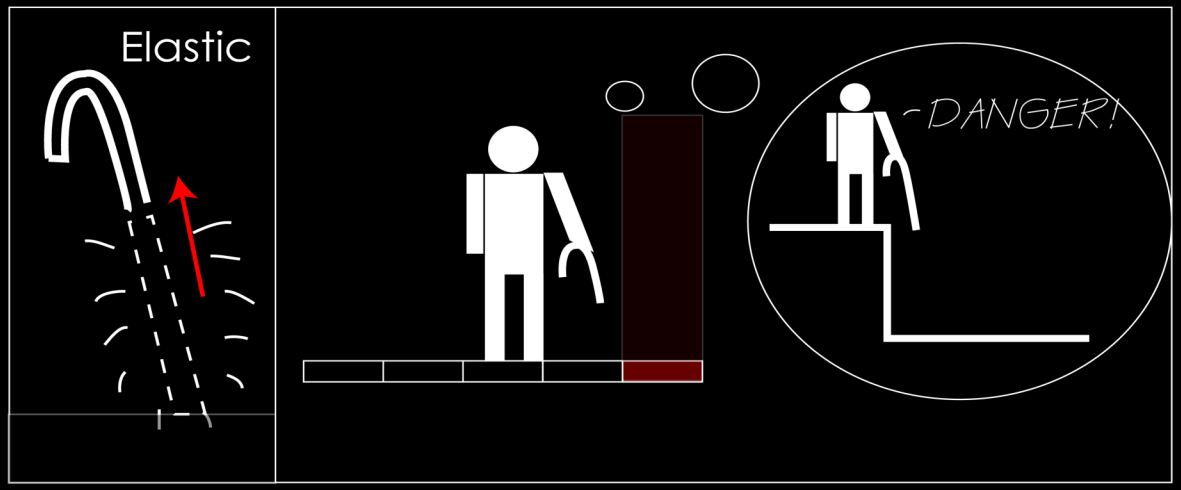
SENSOR on the path







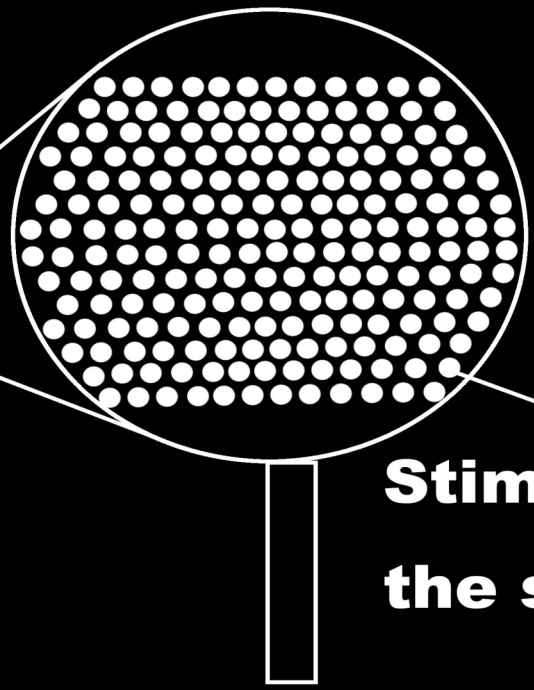

- OK!


Elastic
- DANGER!

Lesson 5

Let’s scratch up!

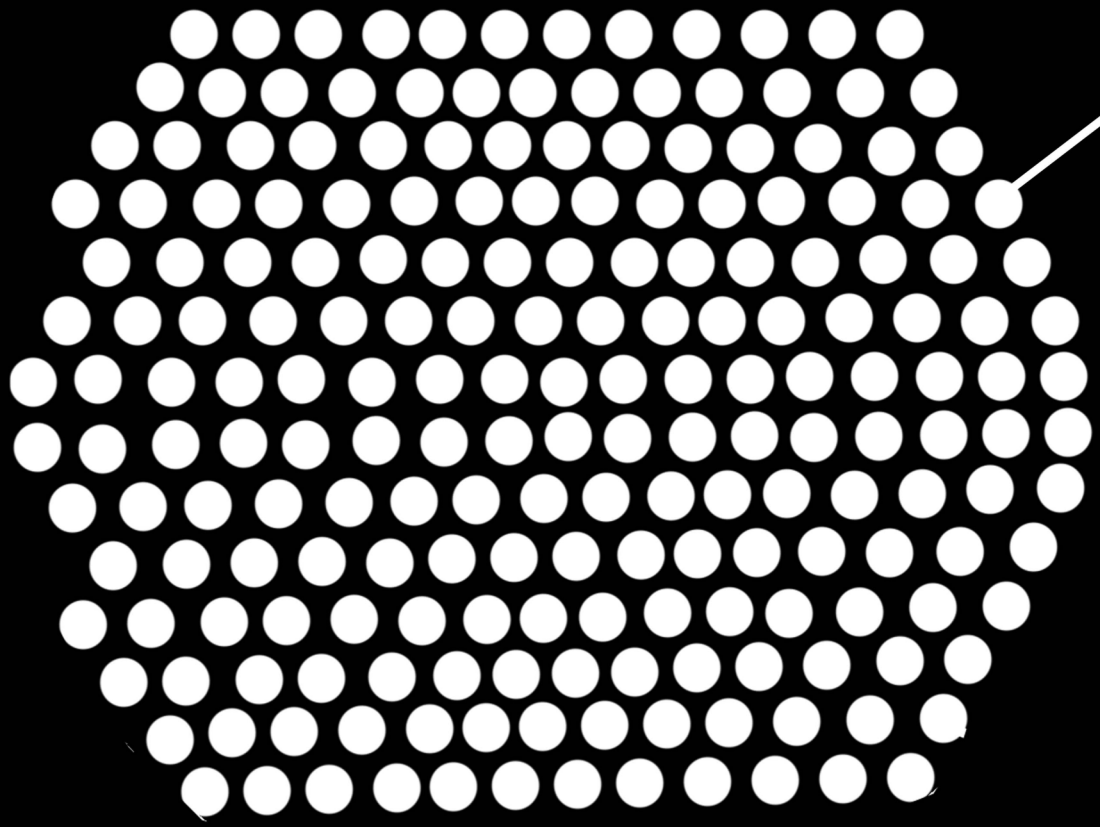
SCRATCH UP



Tactus simulate gloves

Stimulate

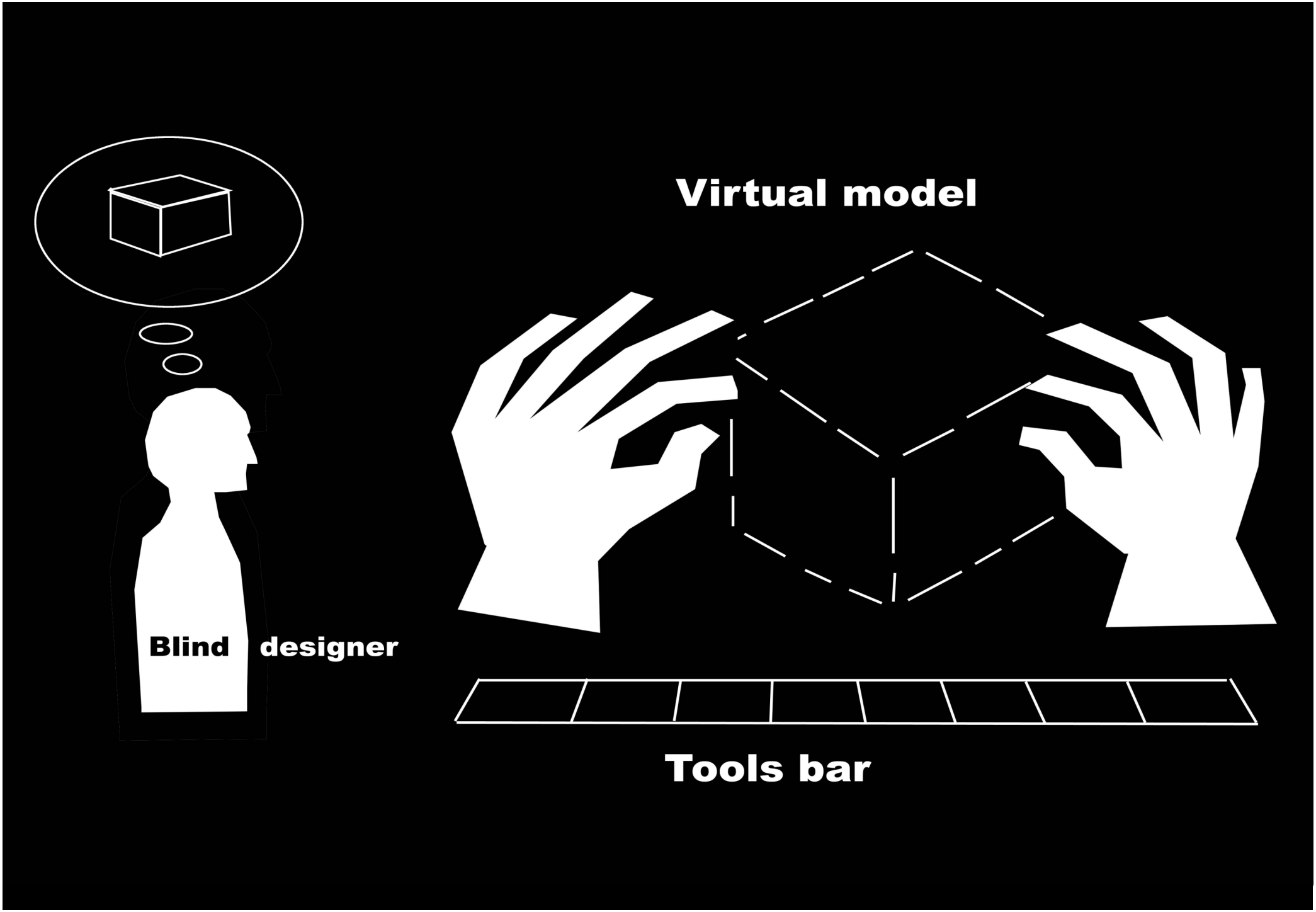
the sense of touch

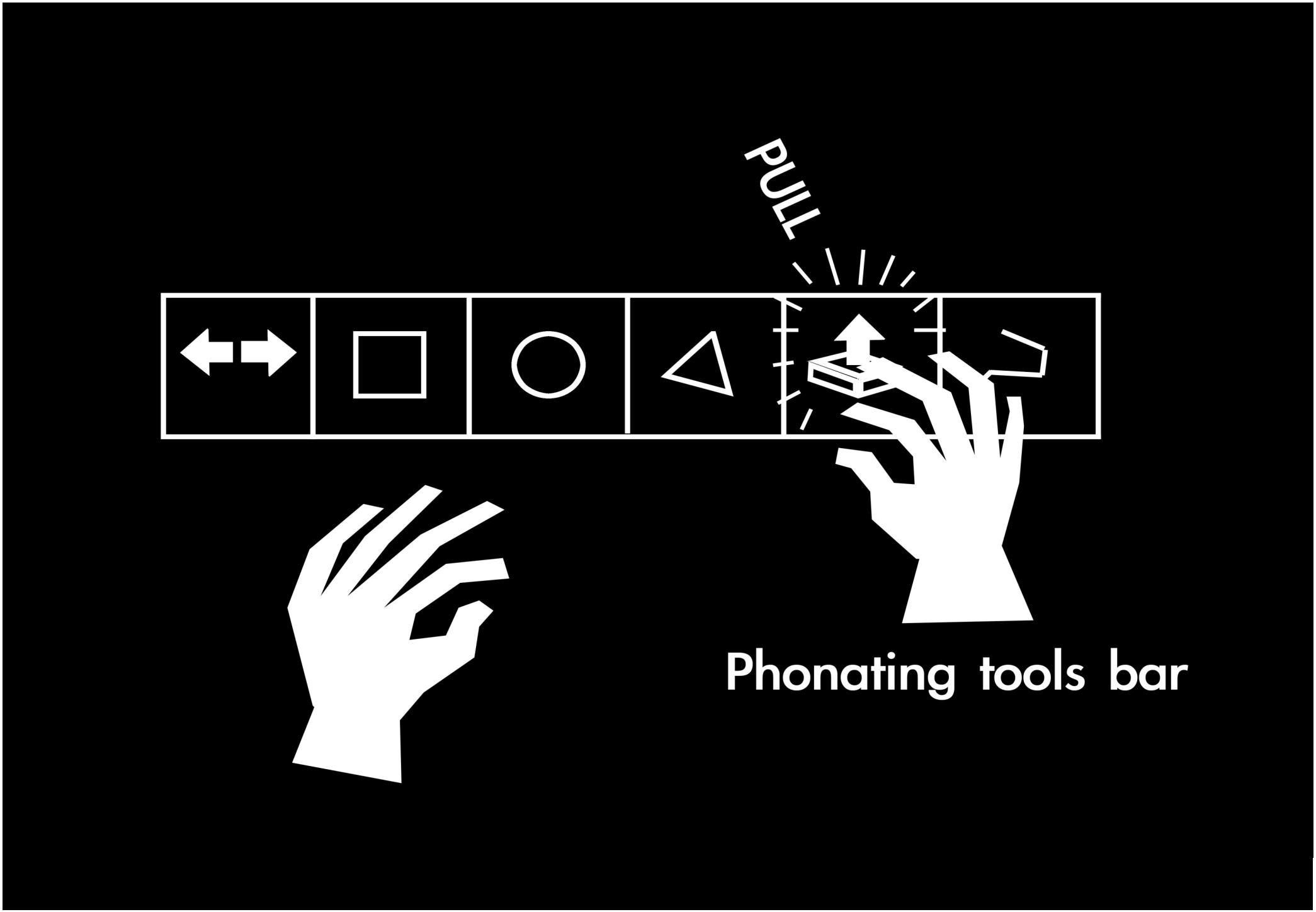


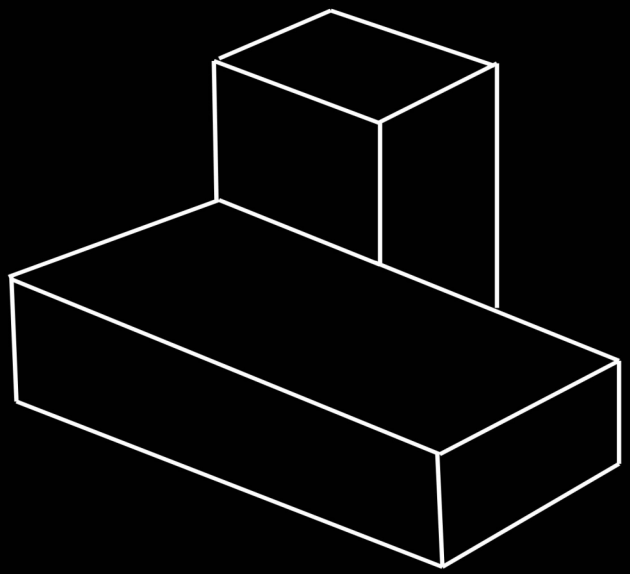
1. Send eletronic signals to stimulate nerves

2. Materials simulation

3. Send Braille message


Virtual model
Blind designer
Tools bar


PULL
Phonating tools bar

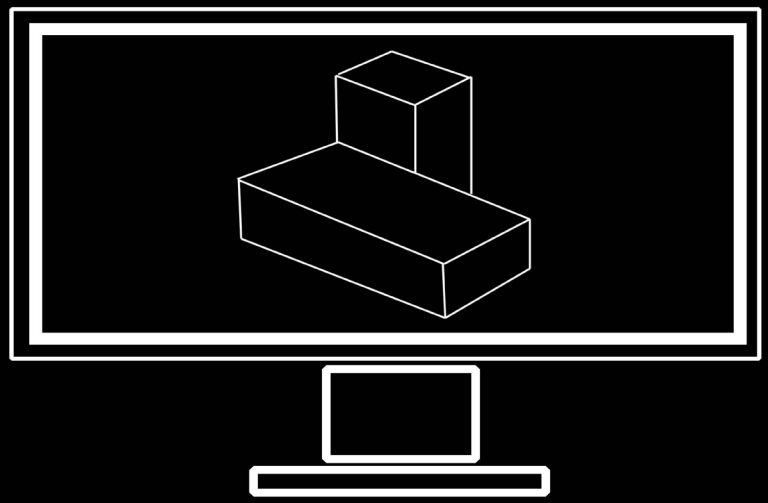


Virtual model

for the blind

OUT PUT

computer screen



for people can see

⠞⠓⠁⠝⠅⠎ ⠋⠕⠗ ⠽⠕⠥⠗ ⠇⠊⠎⠞⠑⠝⠊⠝⠛⠮