

# LightBox

Natural light dictates our body's natural clock. We are most happy and productive bathed in natural light.

The stress of students' and workers' demanding and rigid schedules mirror the design of traditional clocks.  
Can clocks be designed to be more calming while still being functional?

**Meet LightBox, a clock that simulates natural sun cycles through an LED light panel.**

Jan is a bus driver living in Berlin. As he gets older, he struggles with waking up early, while it is still dark. He aims to be healthier, both physically and mentally.

The light from the clock wakes him up naturally. With one glance at the clock, he can see that it has just turned 4:00 am. He is able to start his morning in a stress-free manner.

How it works:

LightBox has 12 increments around the edges, by which it can be read as a clock.

A light emulating the sun gradually moves around the clock in the span of 12 hours.

A remote is used to...

- Power the clock on and off
- Set the time

Minimal interactions and faux natural light make LightBox a soothing alternative to traditional clocks

Ideation Analyzing problems students face and using themes of nature to ideate solutions

Drawing Using Adobe Illustrator, inspired by Gothic design

Modelling Using Fusion360 to model and Blender for the environment render

