



Designed by Leo / Ludvig.

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The path and brief we chose in the Off the Grid project focused on the light accessibility problem in events of crisis among city dwellers. We want to offer a solution to this problem since our users have no home preparedness in most cases. We have designed a fully-working cordless photovoltaic rechargeable luminaire for this lamp, and with its solar panel, we offer our users a way of maintaining their everyday routines even in events of crisis (depending on how severe it is, of course).

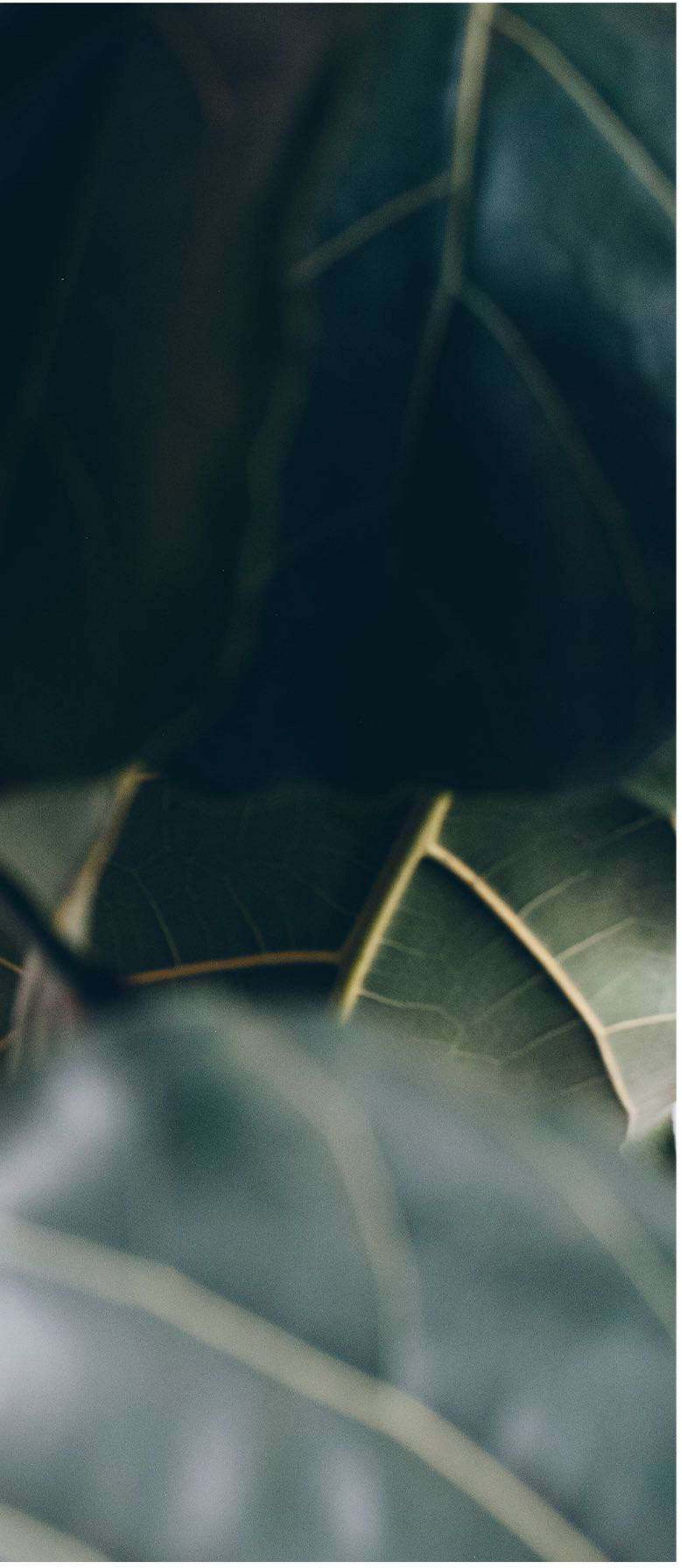
The whole design process in this project can best be described as an iterative one. The main takeaways from this process have been the research on how light affects the room, what the user needs and wants, mockup testing, and understanding of what components fit together and why. The target group is city dwellers between the ages of 25 and 55 who live in apartments with access to balconies. The target group wants a functional and aesthetically pleasing light source that can be used in everyday life as well as in a possible crisis where you need access to light.

The Swedish MSB recommends 72 hours of prep survival without the help of the state. The idea is that our target group should use the light source in everyday life and in the event of a crisis situation. The purpose is to be able to illuminate parts of the apartment and be able to perform various everyday chores during a possible crisis situation.

In an event of a crisis, the lamp is to be charged with the solar panel during daytime when the lamp isn't needed and be turned on when it's dark. If we assume that there will be a power failure, the lamp is already switched on and has a full charge, to begin with. If it is darker outside in general, if it is winter, there will of course be fewer hours of sunshine and less energy for the lamp.



Decorative stationary position.





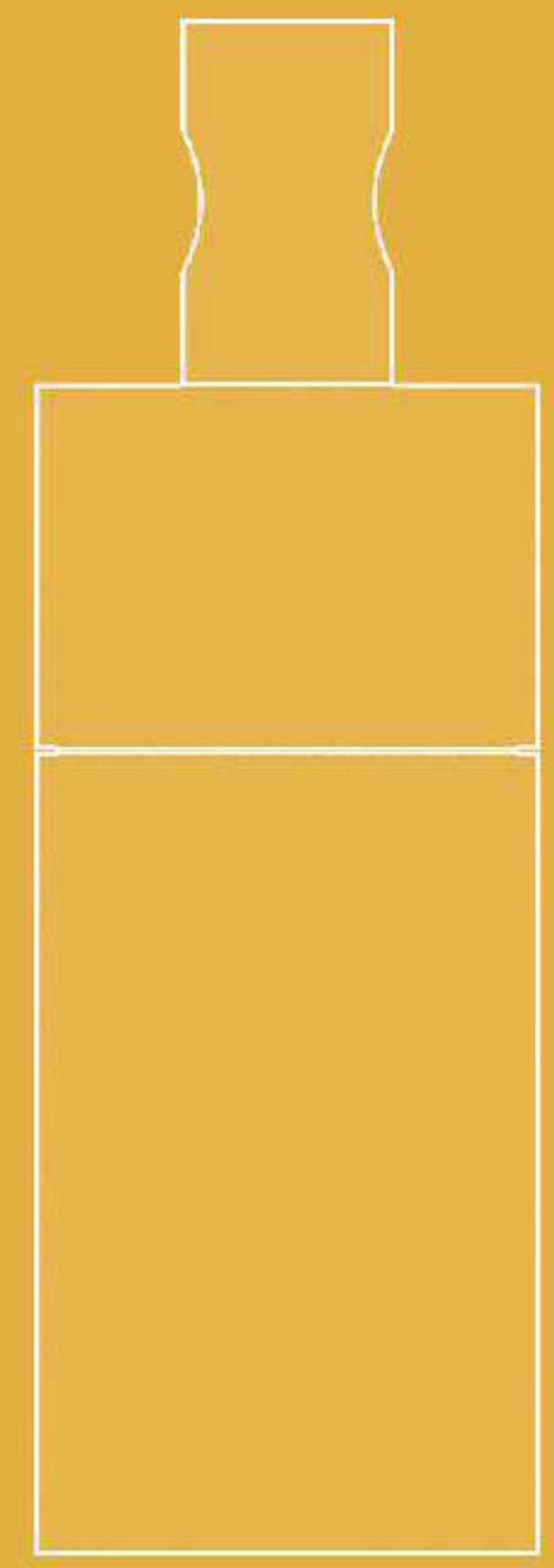
Portable use case.





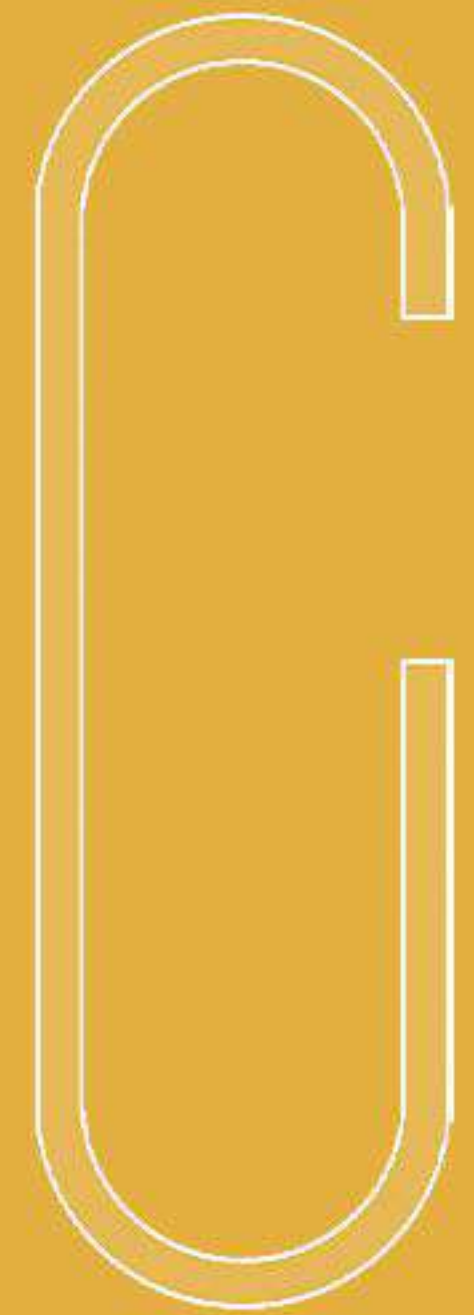
Connect to the solar panel.





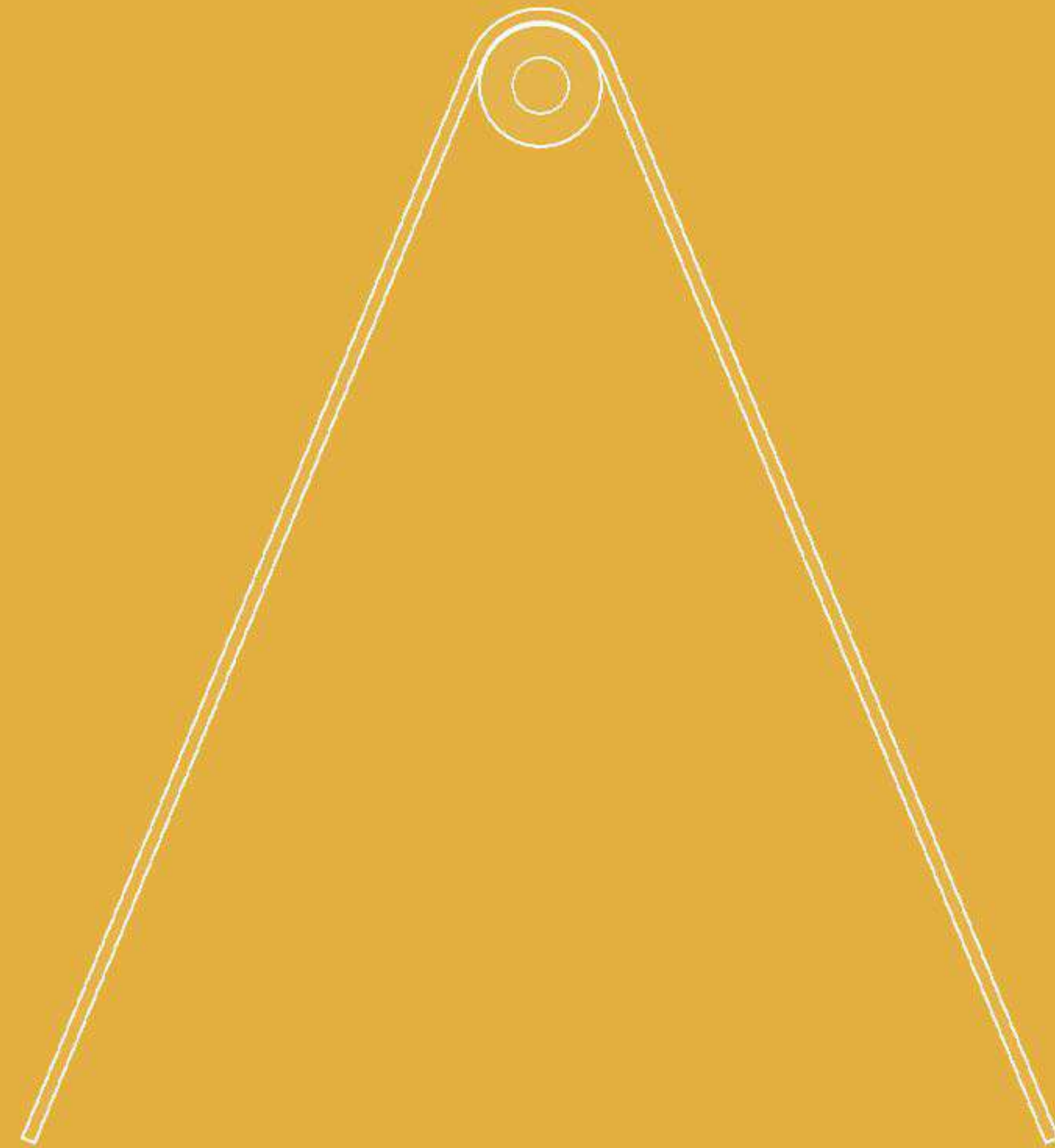
70mm

210mm

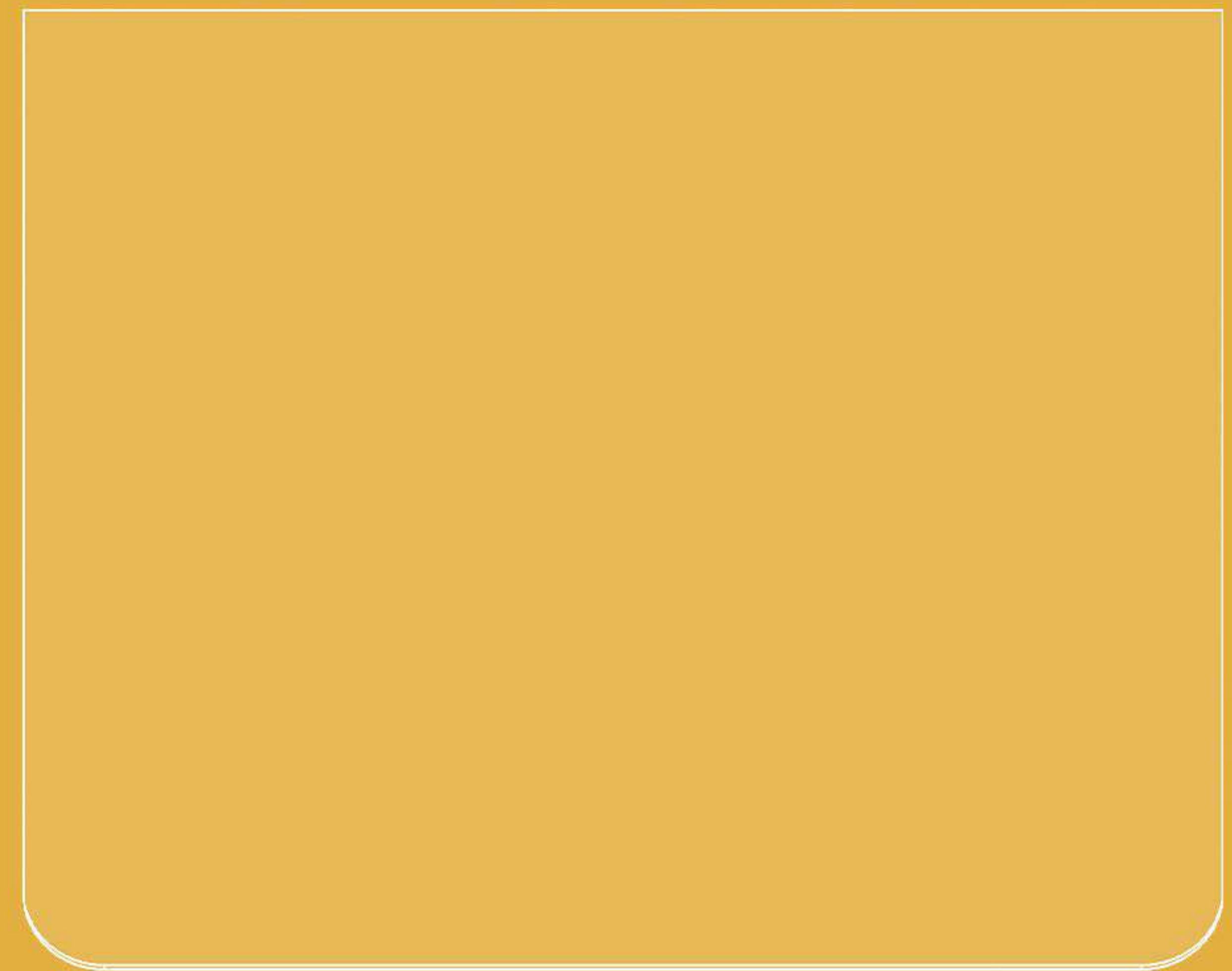


50mm

160mm



215mm



294mm

234mm

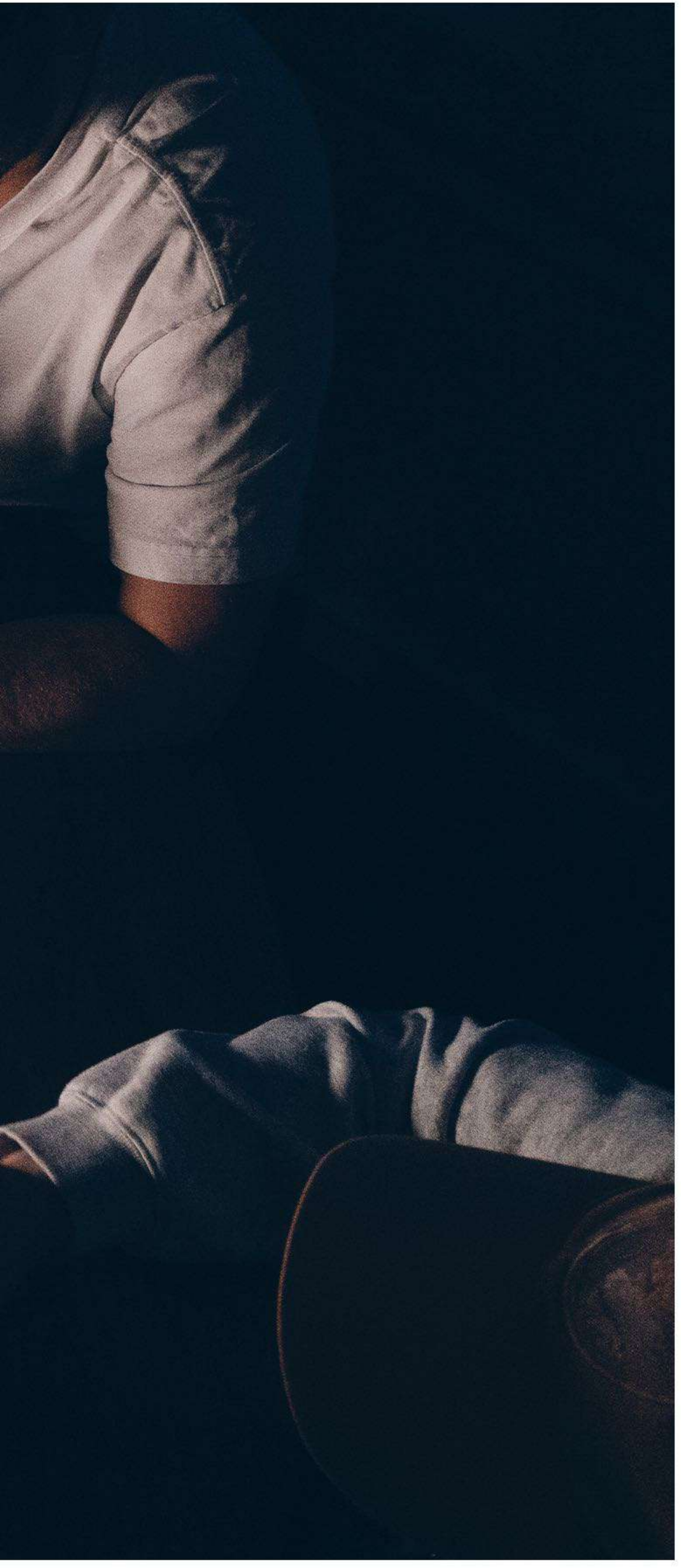


Use case in a home environment.





Design process in the workshop.



Concept development.



Anodizing facility.

