



LIQUID LINE

In this installation, light engages in a discussion with gravity using water as an interpreter. When reflected through swinging water, light – which is normally beyond the reach of gravity – bends, yet always returns to its starting point as if it had mass. This discussion between the elements creates a motion that is both familiar and strange at the same time. A programmed five minute loop.

TEASER VIDEO

<https://vimeo.com/309939287>

WEBSITE

teolanerva.com

SOCIAL MEDIA

<https://www.facebook.com/teo.lanerva/>

DURATION

Five minute loop.



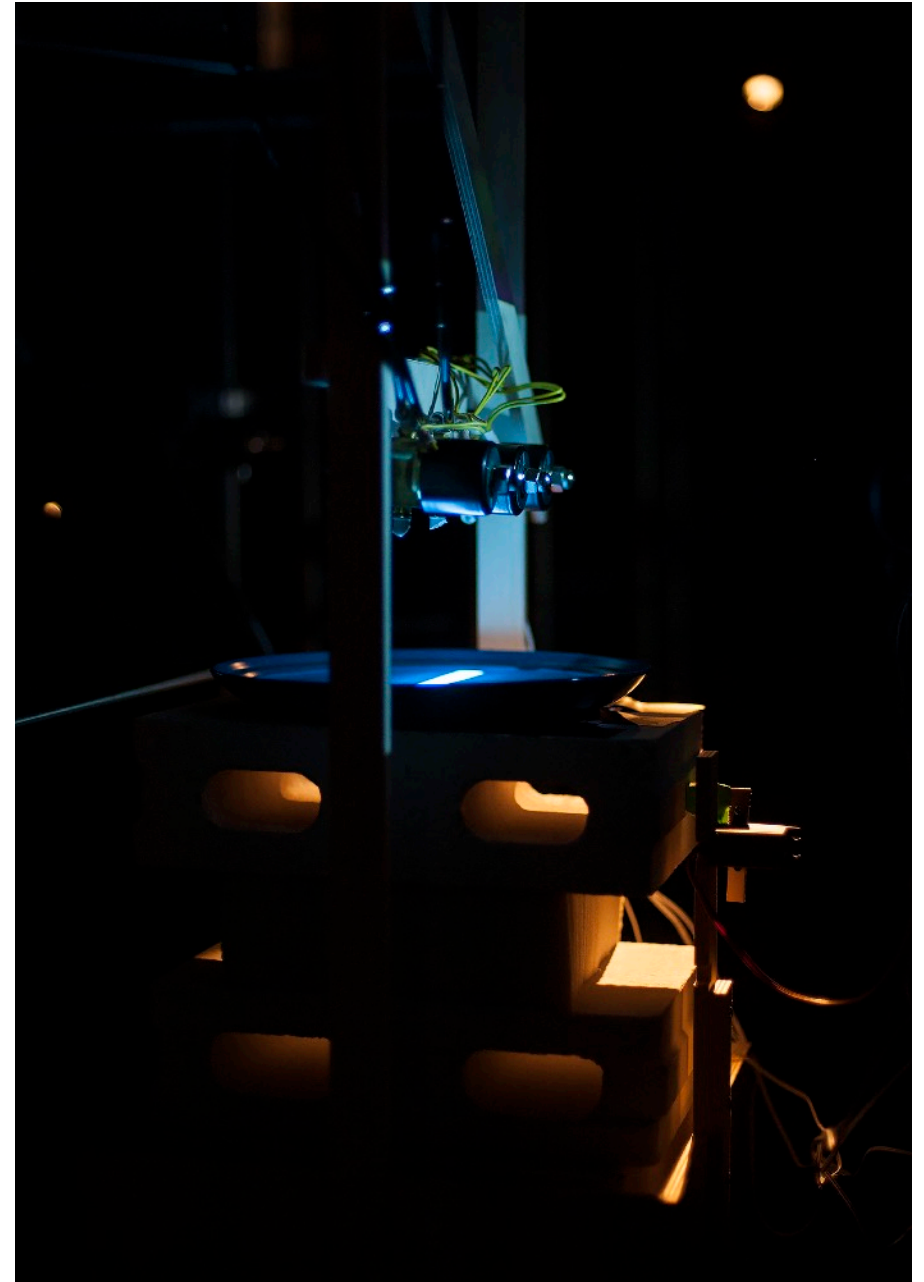
TECHNICAL DESCRIPTION

A static line projected by a video projector is distorted when reflected via water. Only the light beam from a DLP video projector bends in a desired way while light other lights sources distort in different ways, depending on the optics. The water is on a plate and the movement is created by swinging the plate and dropping drops of water on it. The plate is on a swinging tower which is moved by a servo motor. Water drops are controlled with three solenoid valves.

There is two mirrors which turn the line to the desired orientation.

ARTIST BIO

Teo Lanerva is a freelance lighting and video designer (MA, Theatrical Arts) based in Helsinki, Finland. He works with contemporary performances, concerts and events ranging from small underground clubs to festivals. He has been granted a Säde award and his works have been presented in more than ten countries.



TECHNICAL DETAILS

SPACE

A decent black-out must be possible or the video projector needs to be really powerful. Other way to increase the brightness is to use a proper rear projection screen instead of the “shower curtain” which comes with the piece. Instead of a screen a wall can also be used as the projection surface.

The installation can work in many kind of spaces and it can be scaled up or down. It can be even shown on a window so that the equipment is inside and the spectators outside. In theory it could be completely outside as well, but wind and dust will be problematic so a plexiglass walls should protect the machinery. The electronics are naturally sensitive to humidity, but they're nothing expensive so some kind of insulation can be built and if it doesn't work it can quickly replaced with a spare.

MATERIALS (PROVIDED BY THE PRESENTER)

- Computer to run the installation - doesn't need to be anything special
- Minimum of 6 000lm DLP video projector with wide angle lens
 - Preferably 12 000lm DLP projector with 0.7 lens
- Frame for the screen - a black truss gate or equivalent
- Two 3m truss towers + some pipes
- Podium or other stable surface for the equipment

For detailed requirements contact for technical rider.

ORIGINAL DIMENSIONS

Width: 4m

Depth: 6,5m + 2m for the audience in front of the screen = 8,5m

Height: 4,5m

SET UP TIMES AND CREW

Set-up day — 8 hours:

2-3 x technicians

Rest of the days:

1 x person to maintain the installation once in an hour

Load-out day — 4 hours:

2-3 x technicians

TRANSPORTATION

The material for the piece can be shipped to the location or if it's relatively close it can be delivered with a car. The biggest thing is the large mirror. Depending on the location it might be easier to purchase one from local Ikea for example. The essential electronics fit into a backpack and the wooden structure and other materials are relatively easy and cheap to buy and build locally. Especially for a location on a different continent it might be considerably more affordable.

CONTACT
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