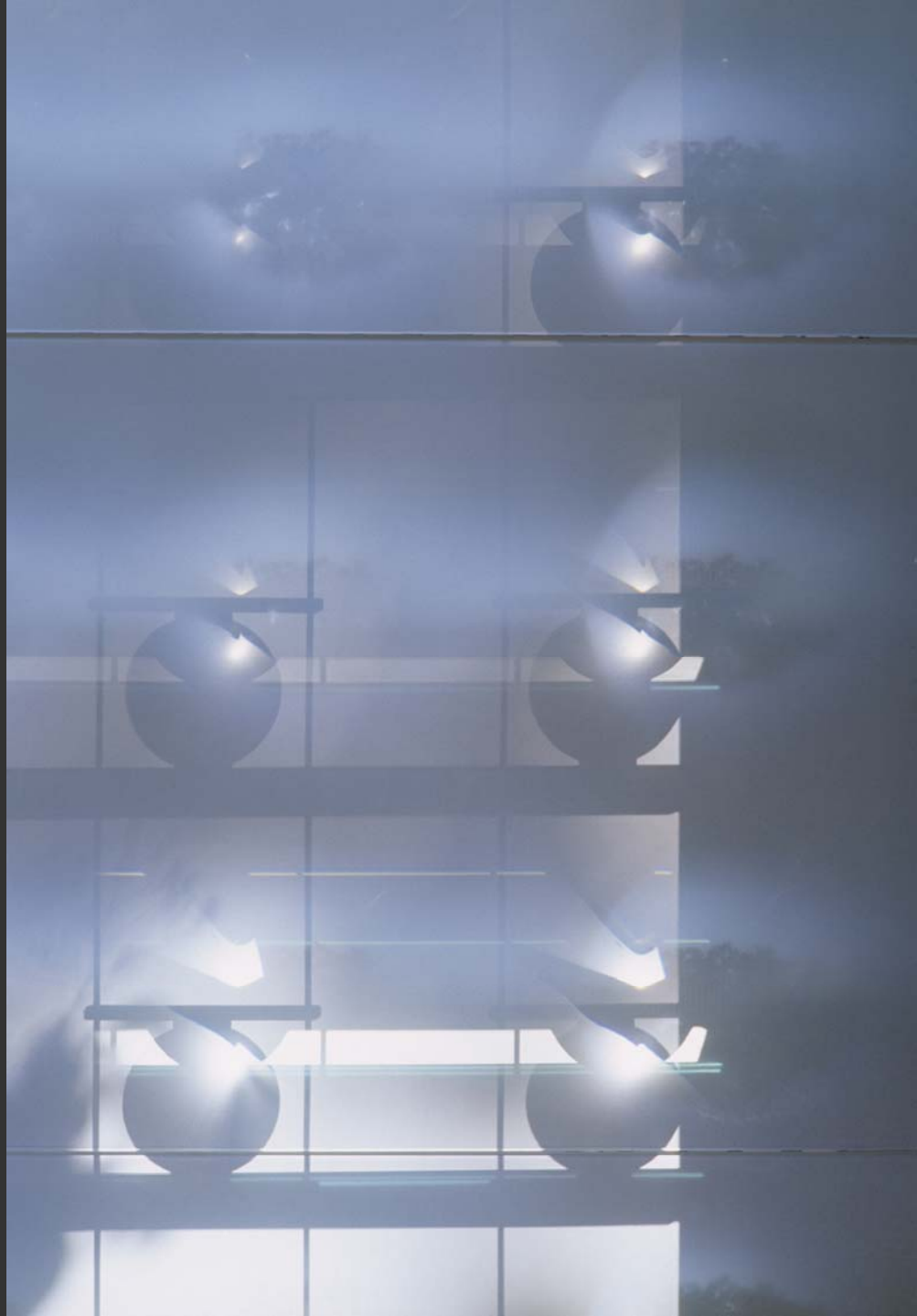


School of Architecture
Danish Royal Academy of Fine Arts
masterclass 21.-25. April 2008

James Carpenter
Davidson Norris

Contribution from VELUX in addition to
International VELUX Award 2008



Class Outline and Goals

It is the intent of this week's Master Class that every group will document its work for both the class and ultimately for publication. It is essential to have a record of the process and results of the groups' **OBSERVATION, SYNTHESIS AND MANIFESTATION**. Each student group will be responsible for building a comprehensive document of their work.

PRELIMINARY

Daylighting in buildings and in our urban environment has primarily focused on the pragmatic and economic benefits of daylight where the objective is to replace a photon of electric light with a photon from the sun. In contrast to this view of daylighting, we propose using this one week workshop, 'The Perception/Articulation of Nature, to redefine the significance of daylighting as a means to heighten ones ability to observe, synthesize and manifest the perceptual phenomenology of light.

OBSERVATION

Each student group will first engage in the **OBSERVATION** of natural light in the urban and/or natural environment. Each student group will document their **OBSERVATIONS**, identifying the atmospheric and environmental optics that create it. The student groups will then report on their observations and analyses with an eye to understanding both the lighting phenomenon they have witnessed and the means by which it occurred.



Group 1



Group 2



Group 3





Group 5



Group 6



Group 7



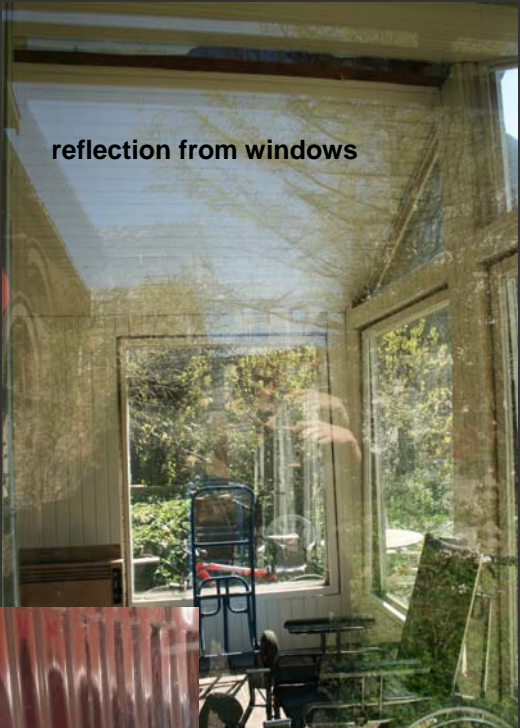
Group 8



glitter reflection and transmission



transmission through water



reflection from windows



reflection and transmission through coloured structure



visibility through material



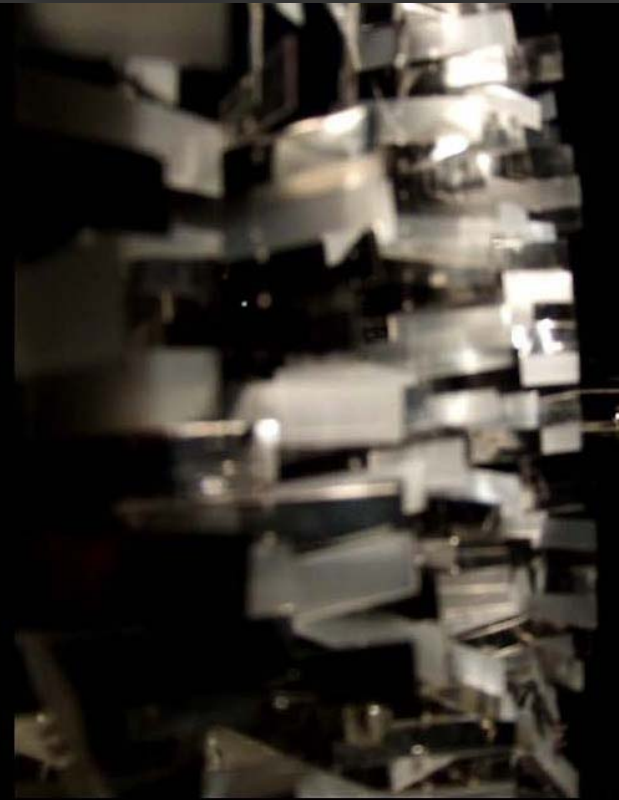
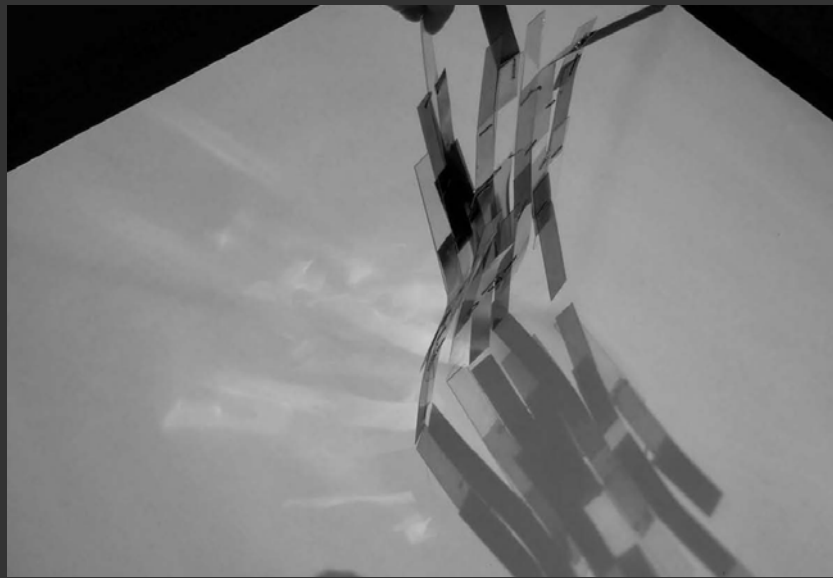
structure and movement

SYNTHESIS

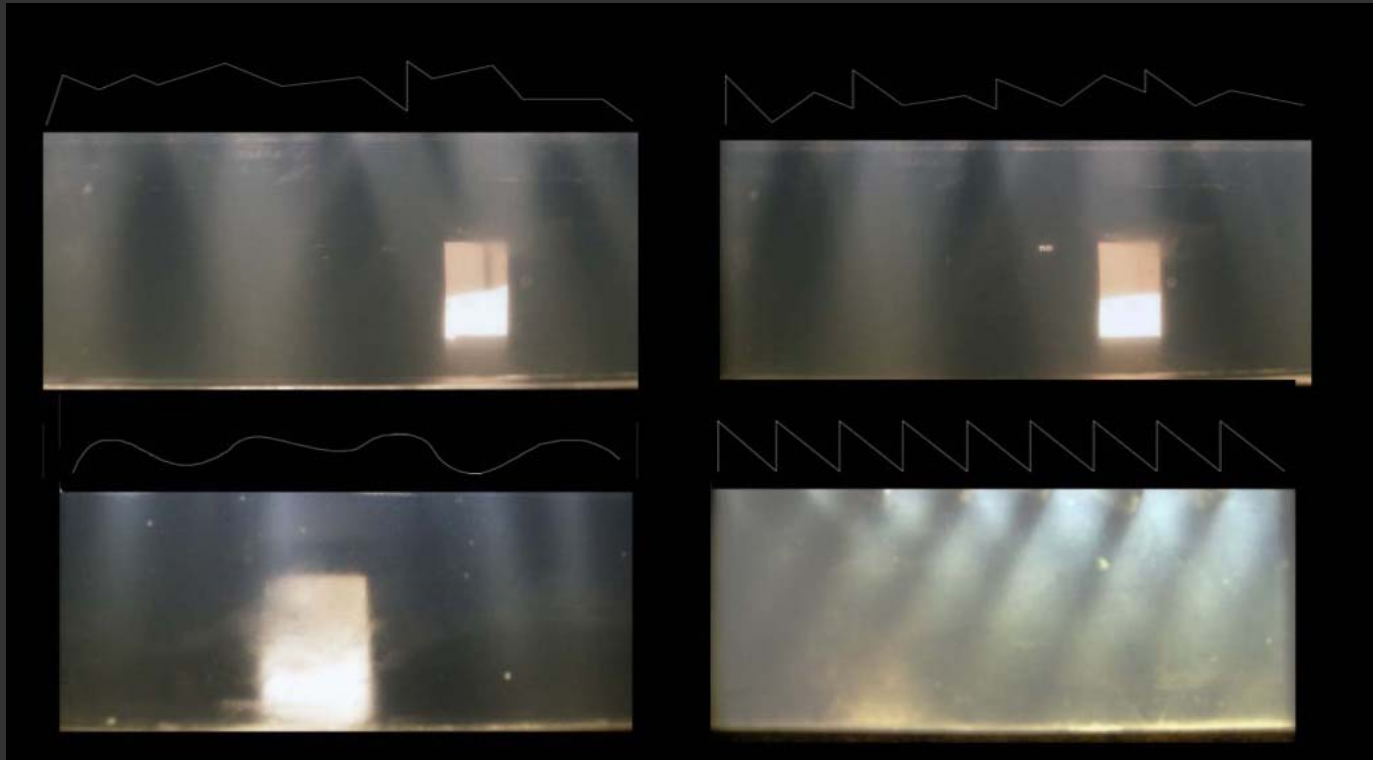
Based on the studied and analyzed observation, the student groups will seek to reinterpret, reframe or represent the fundamental character of the initial lighting event. They will do this by means of an alternate system or device. This SYNTHESIS will isolate the natural light observation by formal means that recreate/reinterpret the original light perception.

MANIFESTATION

Drawing on formal experiments developed during the SYNTHESIS phase, the student groups will each develop and model an architectural space, be it threshold, passage, occupied space or observed space. The scale of these models will be appropriate to the demonstration of the experiential quality of light embodied in the architecture. The aim is to have the architecture (as represented by the model) embody and MANIFEST the transformed light phenomenon / observation. By testing their architectural model in the direct sun and/or the daylighting lab heliodon, the student groups will present documentary evidence of the design's ability to manifest the daylight phenomenon derived from their original OBSERVATION.



Group 8

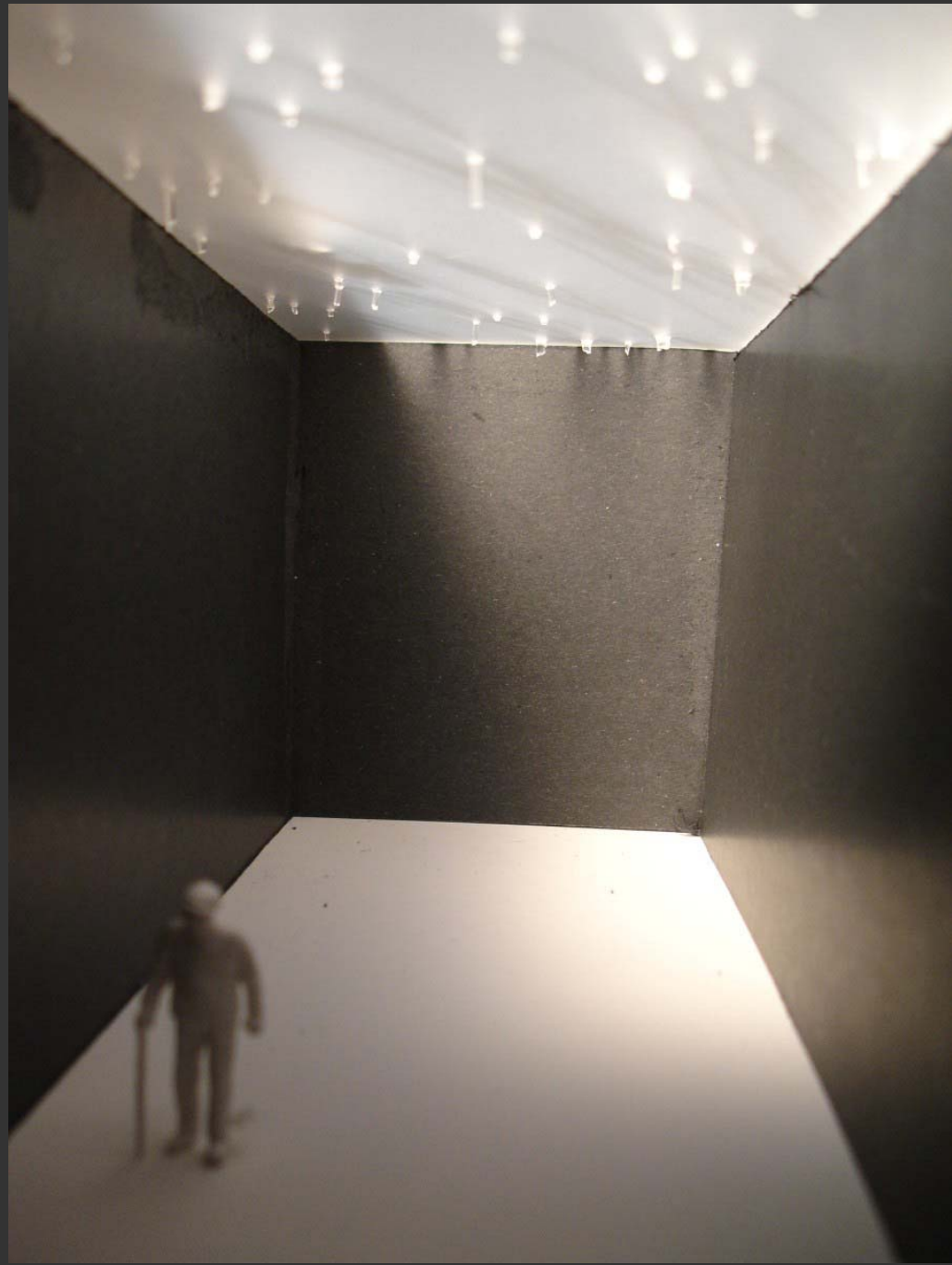
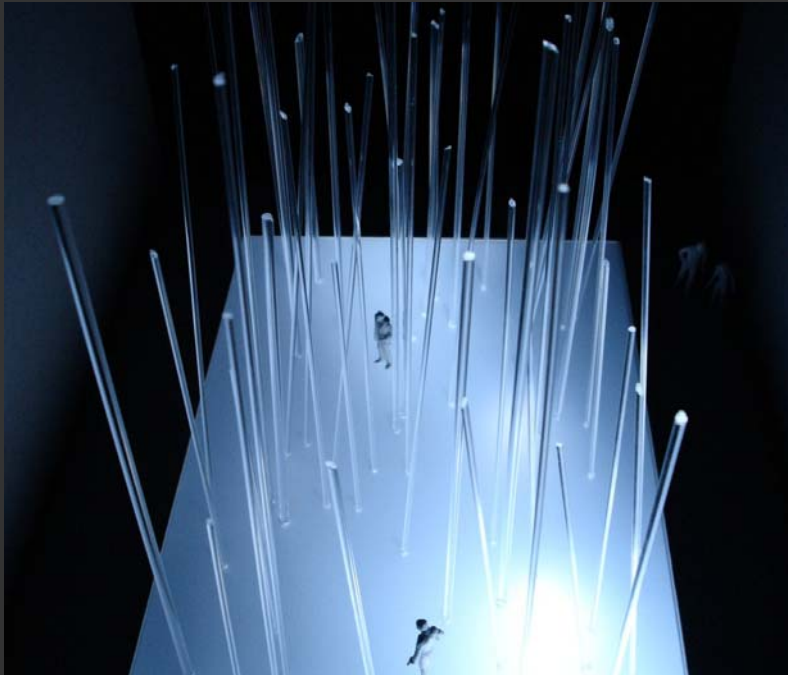


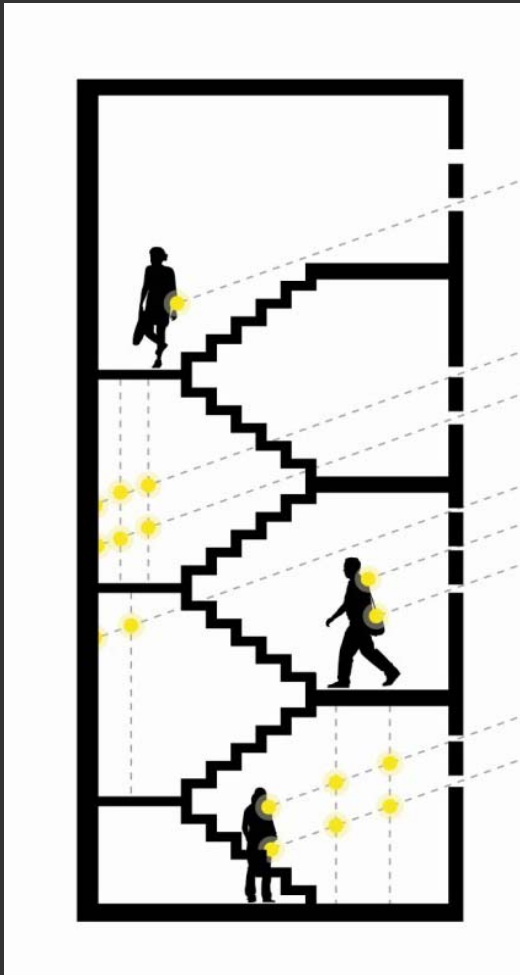
Group 7





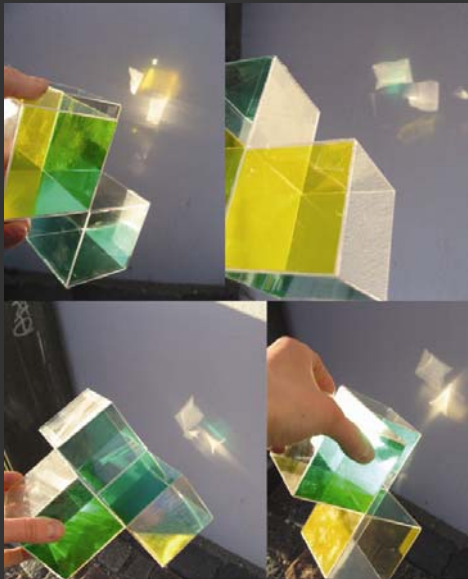
Group 5







Group 3

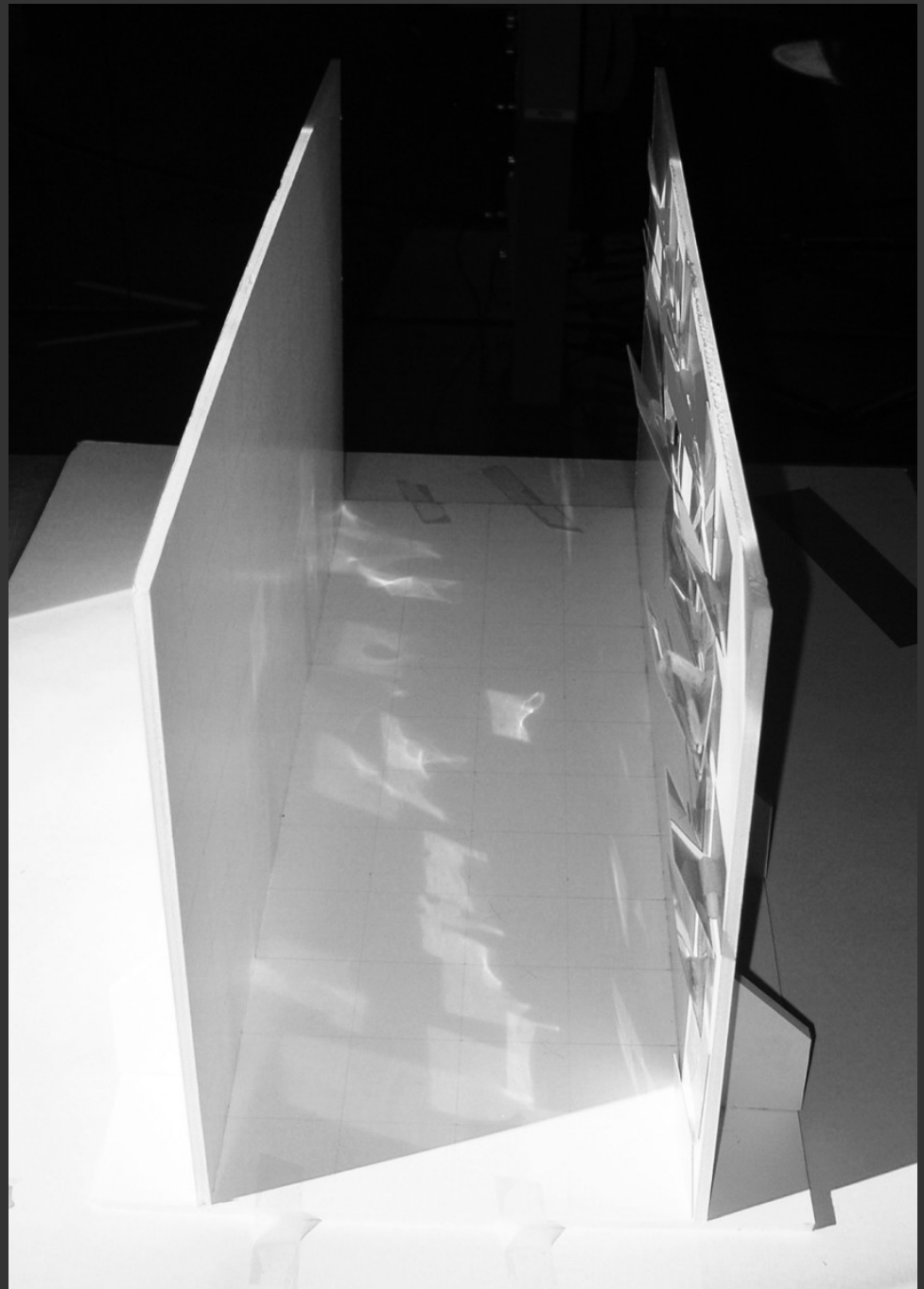




Group 2



Group 1



Students

Group 1

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Raquel Puerto Peris KA
Mette Faarkrog AAA

Group 2

Anne Kjærsgaard Yde AAA
Julie Braarud AAA

Group 3

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Maria Taboada AAA

Group 4

Ingrid Dalseg KA
Henrik Bisp AAA
Naomi Elise Crozier AAA

Group 5

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Pål Arne Bustad AAA
Eva Haggrén KA

Group 6

Nynne Blak KA
Thais Kvejborg Espensen AAA
Niels Povlsgaard Jensen AAA

Group 7

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