

# Light up Cultural Spaces

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## ‘a textile sense of light‘

Development of a modular concept for textile design solutions for architectural lighting design - with the experimental case study of the new construction project ‘Festland‘ by Leuchttfeuer in Hamburg, Germany

The master thesis ‘a textile sense of light‘ deals with the combination of two different disciplines: textile design and lighting design. Both of them are theoretically evaluated and placed in context to each other. In the practical part of the thesis, the consequential approaches are transferred into a concept for textile systems for shaping daylight impact in an architectural project. To check the practicability of the concept, an experiential case study for the new building project Festland from Hamburg Leuchttfeuer was performed and different textile prototypes were produced: With regard to the influence of light and playing with light in its extraordinary way of material, the medium textile set a new, unseen impetus in the art of building sector. The thesis ‘a textile sense of light‘ by Theresa Scholl underlines that an interdisciplinary collaboration between architectural, lighting and textile professionals is essential in order to meet the increasing demands on functionality, design and cost-effectiveness in the realisation of architectural projects.

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