

IDEM215

# Lighting Design

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How to design that intangible matter called light? Novel lighting technologies provide almost infinite form-freedom and technological possibilities for lighting applications in (public) spaces to enhance environments, e.g. LED lighting and screens, daylighting systems, photonic (bio-)materials, scenography. These generate new possibilities for influencing our environment visually and non-visually and thereby

- health (supporting biorhythm, restorative and salutogenic design),
- mobility (city master plans, lighting for transport facilities),
- sustainability (design for darkness, bio-design),
- aesthetics (attractiveness, beauty, light art),
- human factors (e.g. visibility, performance, safety),
- commercial factors (placemaking, atmosphere creation)

In this inter-disciplinary studio we work with academics and practitioners covering fields from ‘hard’ technologies to ‘soft’ perceptions, including top lighting designers.

It offers training in theory and practice of lighting design, via lectures, hands-on practicals, workshops, and coaching by professionals. You will be working on a lighting design assignment going through a complete design cycle researching, (re)framing, formgiving and testing light.

**Design presentation and Final report**

**Sylvia Pont**

*“Everything we see is light. The challenge is to design the right light, for the right users, at the right time, in the right place.”*

