

DESIGN PROJECT – PHASE 3 Proposal

This third phase aims at proposing a daylighting strategy that, as much as possible, fulfills the objectives stated in the second phase.

It typically involves minor and/or major renovations in and around the space, including, for instance:

- the design of innovative daylighting systems
- a new choice of materials or geometry (windows or glazing type, exterior elements affecting the lighting of the space, electric lighting fixtures, etc.)
- a revision of the layout of activities in the space
- the design of more appropriate shading systems
- etc.

Please try to be specific as specific as possible about the geometrical properties of your renovations, the kind of materials you selected, the fixing system that will be required, the characteristics of the luminaires you think are appropriate, and so on.

You should come up with figures for the expected performances, that are supported by either strong argumentation, analytic calculations, ray-tracing simulations or experimental methods. It is highly recommended to use the tools that you think are most helpful in your design process, whether these are “hand” calculations, scale model analyses or computer simulation results.

Your proposal should be evaluated on the basis of how thoroughly, practically, and elegantly you have addressed the design objectives defined in phase 2.

Specifically...

- does the proposal address your design goals?
- to what extent ?
- if there are unachievable design goals, why? (i.e., flaw in original design, insufficient technology, etc.)
- how can you prove that your proposal has answered your design goals ?
- does your proposal make sense both from an architectural and a functional point of view ?
- how will performances be improved? (comparison of “before” and “after” scenario)

The critique will take place on **TUESDAY, November 28.**