

4.9 Auditoriums

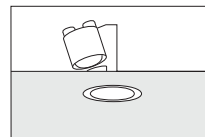
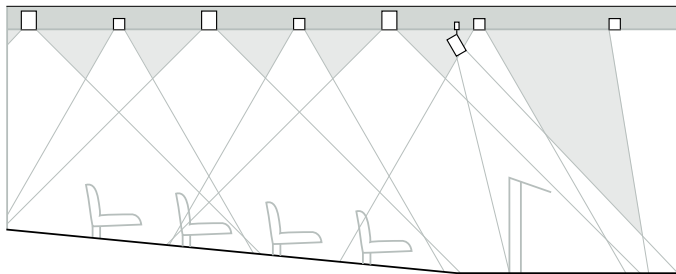
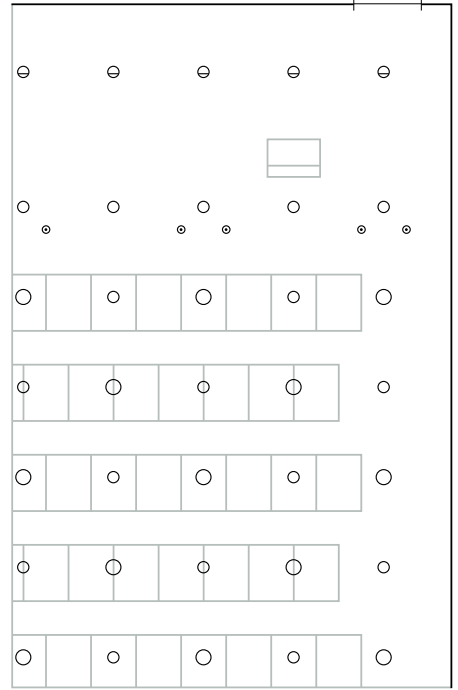
Auditoriums are rooms that can be used to give a variety of talks or presentations to an audience. They may be used simply for the presentation of special papers, for talks supported by slide, film or video projectors, or overhead projectors, for experimental demonstrations and product presentations or for podium discussions and seminars. Lighting for auditoriums should therefore be based on a multi-functional concept which allows the lighting to be adapted to meet a variety of different requirements.

The main feature of the lighting in auditoriums is the functional separation of speaker's platform from the audience. On the speaker's platform the lighting is focussed on the speaker, or on the objects or experiments presented. When overhead foils, slides, films and videos are shown the lighting must be reduced – especially the vertical lighting on the end wall – so as not to interfere with the projections.

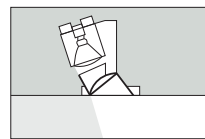
In the area where the audience are seated the lighting primarily serves the purpose of orientation and allows people to take notes. During slide projections and the like the lighting is reduced to a level for people to write by. It is important that the lighting should allow eye contact between the speakers and the audience, and between the people in the audience, to allow and promote discussion, interaction and feedback.

Recessed wallwashers illuminate the end wall of the auditorium. Downlights that can be switched and dimmed separately plus a series of singlets for additional spotlights provide accent lighting on the speaker's platform.

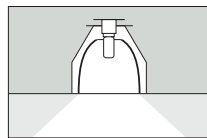
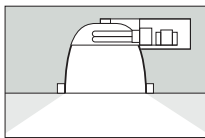
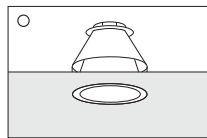
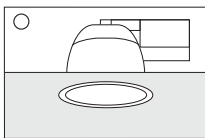
The lighting over the seating area consists of two components. Downlights for compact fluorescent lamps arranged in a staggered pattern provide ambient lighting during the talk. A series of dimmable downlights for halogen lamps are arranged between the first set of downlights and provide controllable lighting when slides are being shown. Both luminaire types can be operated separately or in unison.



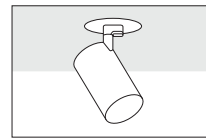
Recessed downlight-wallwasher for PAR 38 reflector lamps.



Recessed downlight for compact fluorescent lamps.



Recessed downlight for halogen lamps.



Singlet with spotlight.