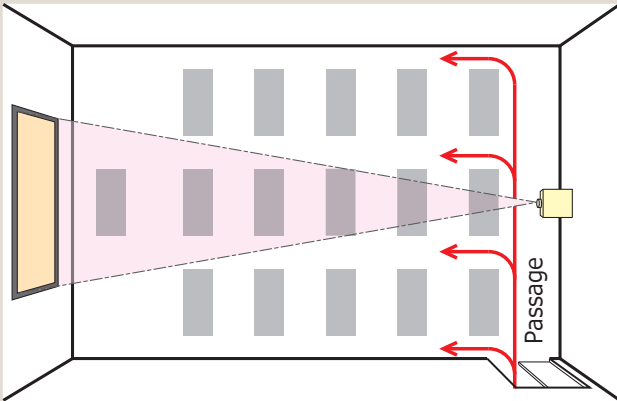# The point of screen setting

1 Projection screen and ambient light

It is ideal that the projection screen reflect only the light from a projector, but there is the various ambient light, which comes from other than a projector for example outside light, and interior lights. Especially you need to deal with the "Stray Light", which light once reflected a projection screen comes back to projection screen again reflected by walls, furniture, and interiors.
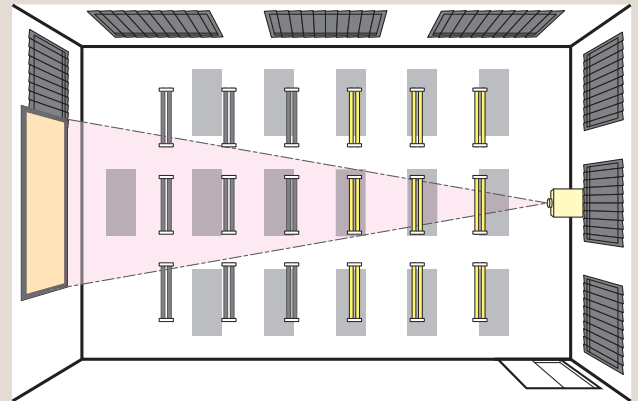
The ideal environment

The figure as below shows the room without ambient light, and the entrance placed at backward of the room that wouldn't bother audience. You need to think how to avoid outside light at the time of anyone coming in.

Passage

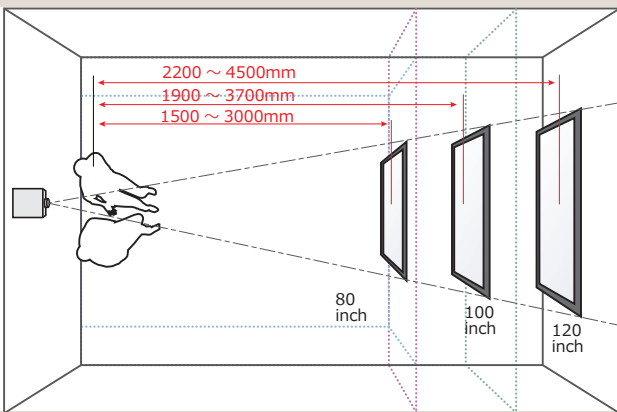### Solution for ambient light

You thoroughly consider the way to block the outside light to install a projection screen in the room that already have some windows.
The interior light is useful for turn on/off each light. Since the fluorescent light is diffused, it is necessary to consider avoiding the projection screen lighted.
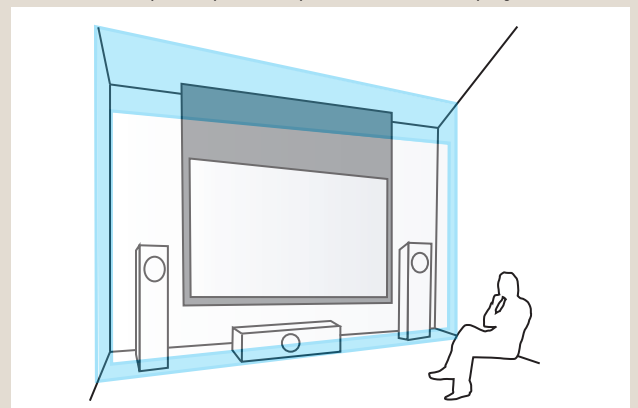

2 To decide the size of projection screen

The best distance between the projection screen and viewing position is 1.5 – 3.0 times of image height. However, you consider the room size, the place to install, and through distance and brightness.

The best distance is the only reference which is based on fatigue when watching for a long time, and the projector pixel. The screen size depends on the purpose of use, for example watching the movie, or sports game, or using for conference.

2200 ～ 4500mm
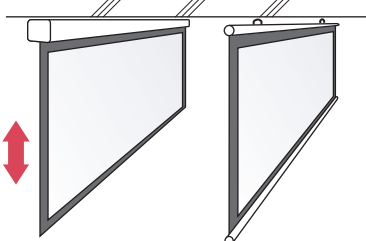1900 ～ 3700mm
1500 ～ 3000mm

80 inch
100 inch
120 inch

The position of speakers is very important to enjoy watching. You determine the speaker size at first. In case you would like to install the projection screen to the entire wall, you have to choose sound screen and keep the space for speakers behind the projection screen.

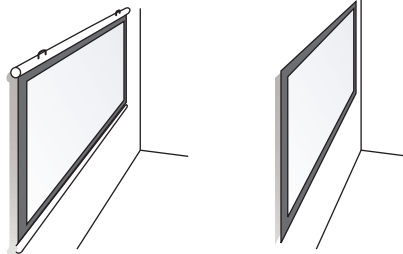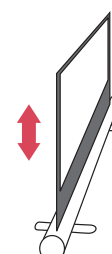

3 To determine install position

On the ceiling	On the wall	On the floor	Screen stand
Electric/Manual/Hand-rolled	Electric/Manual/Hand-rolled/Fixed frame	Floor standing type	Tripod type