

DAYTEC



Automated light-guidance blinds

The daylight blinds made by durlum are both sun protection and daylight guidance and air conditioning. The incoming light is directed from the window over the room ceiling into the room. This reduces glare, and the room is lighted evenly. This effect is increased even more if the system is combined with a reflective ceiling. The use of daylight reduces the use of artificial light and consequently the energy costs.

A special coating of the blades optimizes the total energy transmittance. The resulting reduced load on the room air-conditioning gives an additional saving in energy.

The guidance of the light is regulated by adjusting the slat angle. To control this as flexible as possible, the blind is divided into two parts; each part can be controlled individually. For offices with PCs, for example, the lower part can be closed to avoid glare, while the light is guided into the room through the upper part.

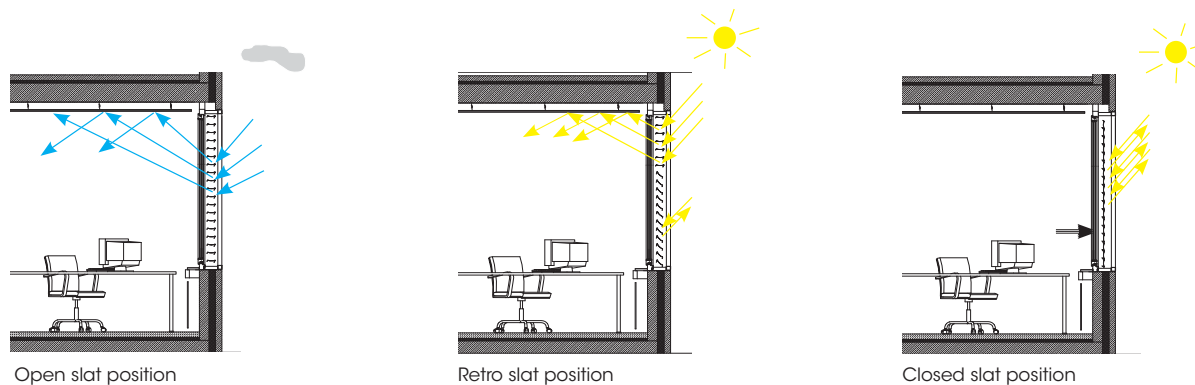
The ellipsoid holes in the slats of the lower part give the blinds a transparent character. Even if it is closed, the visual contact to the environment is maintained.

Benefits

- Even illumination of the room
- Partial perforation allows visual contact to the outside
- Glare shield
- Optimization of the total energy transmittance through a special coating of the blades
- Reduced use of artificial light

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