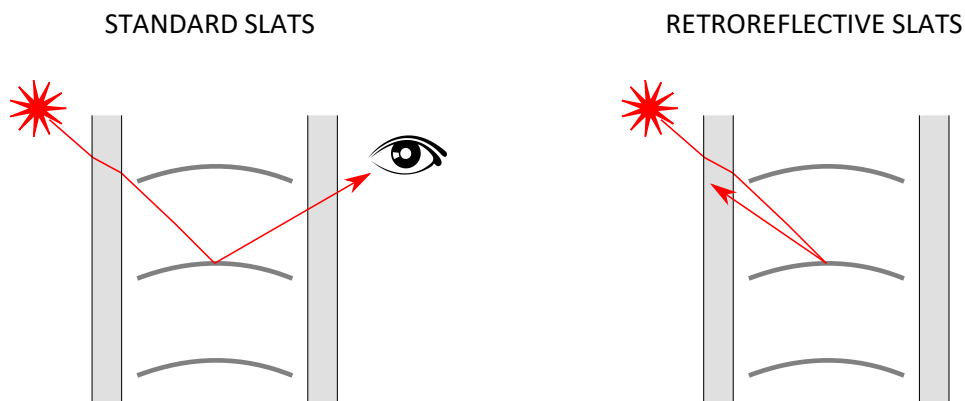


Integrated shading with retroreflective slats

A solar shading device consisting on a venetian blind comprising retro reflective coating based on silicon dioxide micro beads.

The main benefit of the solution is that incident radiation on the solar shading device is reflected mainly toward the direction from which it comes. In this way, the proportion of radiation that manages to pass through the shading device is greatly reduced even when slats are kept open, thus preventing heating of the indoor environment.

It is possible in this way to obtain a solar shading device to be installed in an insulating glass unit in which the reflected radiation to the outside is directed predominantly towards the sun, and therefore does not affect neighboring buildings, decreasing the urban heat island effect created by reflective glass surfaces.





Pellini realizza schermature solari per interni e per facciate in grado di assicurare un'efficace gestione di luce, calore, comfort visivo e privacy. Con la sua vasta rete di licenziatari presenti in tutti i continenti, è un player globale in grado di interagire con studi di architettura e di ingegneria delle facciate, società immobiliari, landlord e general contractor e di progettare soluzioni personalizzate per ogni tipologia di edificio.

Pellini manufactures technical blinds that are able to ensure the effective management of light, heat, visual comfort and privacy. With its extensive network of licensees located in 5 continents, it is a global player that can interact with architectural practices and facade engineering firms, real estate companies, landlords and general contractors to design custom solutions for all types of building.

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