

OPTICAL BODY, WINDOW MEMBER, FITTING, SOLAR SHADING DEVICE,
AND BUILDING

ABSTRACT

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An optical body includes a first optical layer having a concave-convex surface, a wavelength selective reflecting layer formed on the concave-convex surface, and a second optical layer formed on the wavelength selective reflecting layer and embedding the concave-convex surface. The wavelength selective reflecting layer selectively directionally reflects light in a particular wavelength band while transmitting light other than the particular wavelength band therethrough. The concave-convex surface is made up of a plurality of triangular pillars arrayed in a one-dimensional pattern, and the triangular pillar has an apex angle α and a slope angle β , the apex angle α and the slope angle β satisfying a predetermined relationship.

20 Figure 1