

ABSTRACT
PRISMATIC ILLUMINATOR FOR FLAT
PANEL DISPLAY

5 An illuminator (12) for a flat panel display (11)
utilizes at least one light source (14-1) and at least one
prism (16-1) having total-internally-reflection at all but
its front surface (16-1a). Multiple images of the
source(s) are provided over the front prism surface. A
10 reflective coating can be used on at least one of the
illuminator prism surfaces, so as to increase the total
portion of the light from each source directed from an
illuminator surface toward the display. The sources may
be located within the prisms (Fig. 1), or may be arranged
15 colinearly with the elongated axis of each prism.

This Sheet Has Been Replaced

