

TILT DETECTION IN ILLUMINATION SOURCE

5

ABSTRACT

A method of monitoring an illumination source (20, 72) including a reflector (34, 34', 78) and a lamp (24, 76). The reflector (34, 34', 78) and a light producing luminary (36, 36') of the lamp (24, 76) are aligned to optimize light intensity reflected from the luminary (36, 36') to a desired target (22, 22', 74). The orientation of the lamp (24, 76) is monitored, and changes in the orientation are reported as an indication of a reduction in light intensity reflected from the luminary (36, 36') toward the desired target (22, 22', 74).

(Fig. 12)