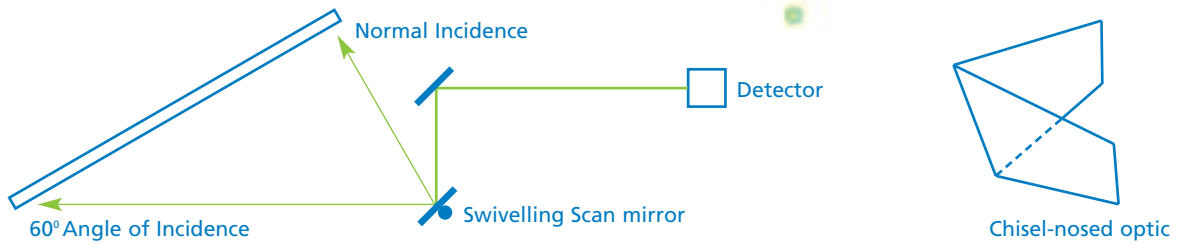


# Graded Coatings

Low reflectivity coating

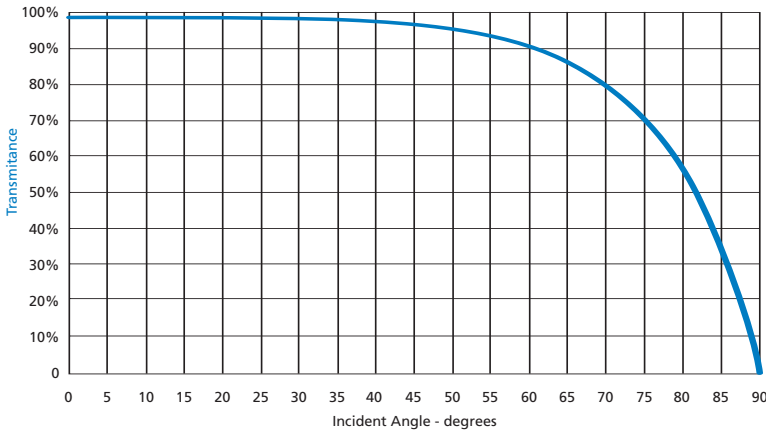
## DESCRIPTION

Graded coatings can be useful in applications where a window subtends an apparent range of angles relative to the detector.



An example of this is found in chisel-nose optical assemblies.

The performance of optical coatings moves to shorter wavelengths with increased angle of incidence. This effect can be quite pronounced at angles greater than 45 degrees.



To correct for this shift in performance, within certain constraints, the coating can be made thicker where the angle of incidence of the light on the window is greatest. This improves the operational uniformity and efficiency of the window.

