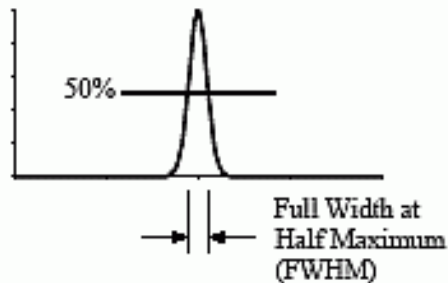
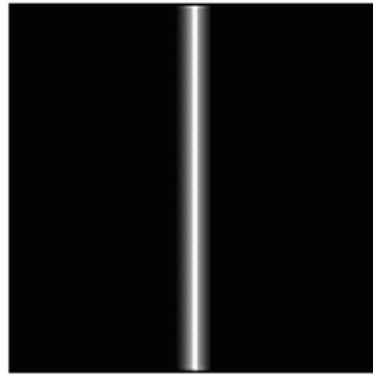


# Beam Characterization

a. Line Spread Function (LSF)



b. Edge Response

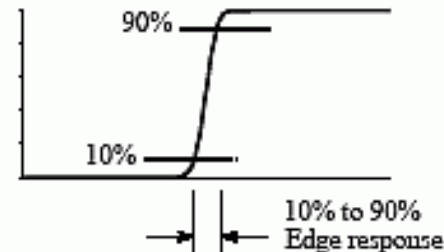
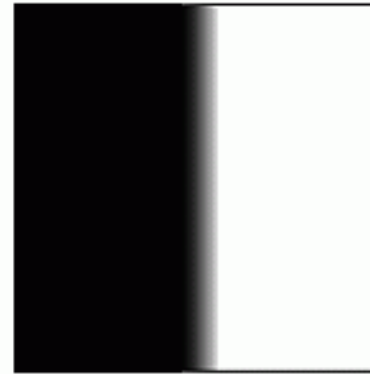


FIGURE 25-3

Line spread function and edge response. The line spread function (LSF) is the derivative of the edge response. The width of the LSF is usually expressed as the Full-Width-at-Half-Maximum (FWHM). The width of the edge response is usually quoted by the 10% to 90% distance.

The edge response at different distances from the detector provides a measure for the L/D ratio.