



HD145 DESIGN CHARACTERISTICS

f/number - $f/1.03 \pm 7\%$ at infinity

Focal Length - $135 \text{ mm} \pm 2\%$

CRT Raster Diagonal - 140 mm (5.5") maximum (3 x 4)

CRT Phosphor Surface - Flat

CRT Faceplate Thickness - Nominally designed for 16.5mm faceplate thickness. If thinner faceplates are used, it may be possible to compensate the lens for reduced thickness.

Screen Type - Designed for flat screen

Magnification - Approximately 10X to 60X

Standard Coupling - The lens can be air-coupled to a liquid cooled CRT with the same mounting configurations as our DELTA® TAC4 lens.

Resolution - MTF over 50% at 10 line pairs/mm (approximately 20mHz) throughout the field

Transmission - Nominal transmission at 550nm is better than 84%

Color Correction - Fully color corrected

Relative Illumination - Approximately 34% at 92% of 5" field

Distortion - Less than 2% (pin cushion)