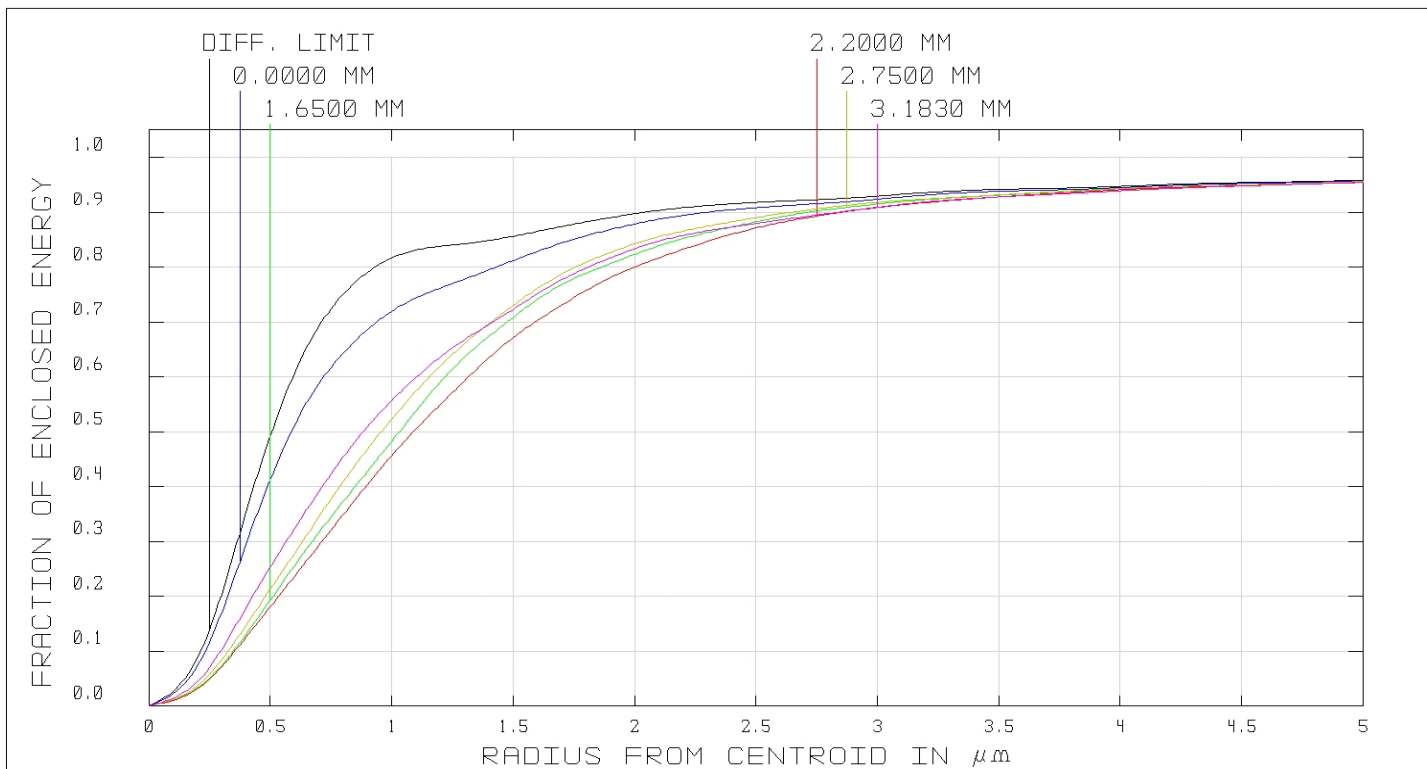


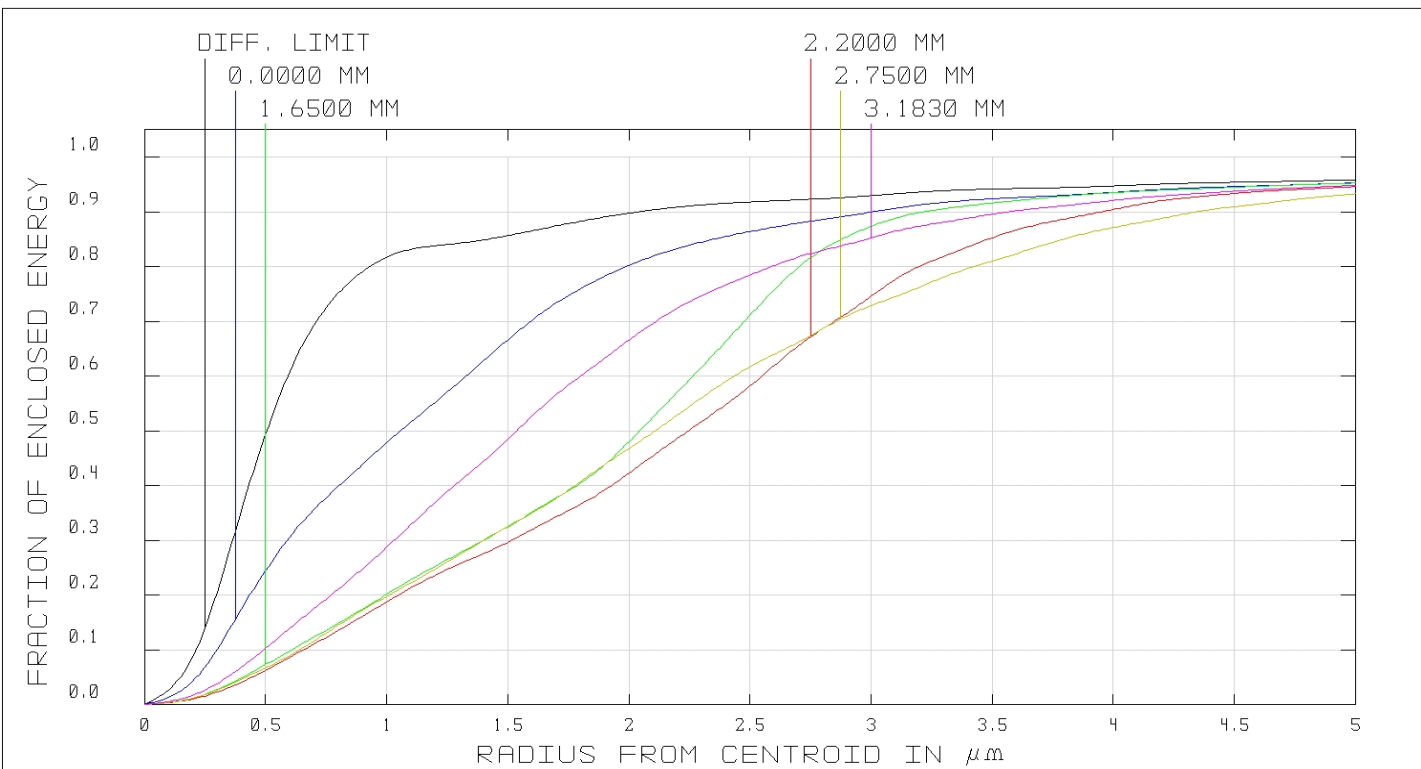
CANON HFS10 - HFS 11 - HFS 20 - HFS 21 HD CAMCORDER WITH FATHOM WA 80 ADAPTER OPTICAL SPECIFICATIONS

LENS	MODE	FIELD OF VIEW AT FULL WIDE				FIELD OF VIEW AT FULL ZOOM		MAXIMUM DISTORTION (%) AT FULL WIDE			
		OBJECT SIZE (H x V) MM				OBJECT SIZE (H x V) MM		MEASURED AT IMAGE CORNERS			
		FOV REF FROM PORT VERTEX				REQUIRED TO FILL CCD					
		@ 2000 MM OBJ DIST		@ 200 MM OBJ DIST		MOD = 1099 MM	MOD = 184 MM	@ 2000 MM OBJ DIST		@ 200 MM OBJ DIST	
WA 80	16:9	SEAWATER	AIR	SEAWATER	AIR	SEAWATER	AIR	SEAWATER	AIR	SEAWATER	AIR
		2664 x 1498	2684 x 1510	368 x 207	371 x 209	171.4 x 96.4	39.5 x 22.2	2.3%	2.3%	2.5%	2.5%
	74.8 DEG	75.2 DEG	93.0 DEG	93.5 DEG							
	4:3	NOT SUPPORTED									



FFT DIFFRACTION ENCIRCLED ENERGY

WA 80 ADAPTER
WED JUN 2 2010
WAVELENGTH: POLYCHROMATIC
SURFACE: IMAGE



FFT DIFFRACTION ENCIRCLED ENERGY

WA 80 ADAPTER
WED JUN 2 2010
WAVELENGTH: POLYCHROMATIC
SURFACE: IMAGE

WA 80 ADAPTER
16:9 IMAGE MODE
FULL WIDE @ F/1.8
2000 MM OBJECT DISTANCE
IN AIR

WA 80 ADAPTER
16:9 IMAGE MODE
FULL WIDE @ F/1.8
2000 MM OBJECT DISTANCE
IN SEAWATER