

TIFFEN®

HD Camera Filter Chart

Camera	Filter	Use
Red One (Single CMOS)	Hot Mirror	Eliminates IR Pollution from 700nm (A Red One Camera should never be without a Hot Mirror).
	Hot Mirror IRND (combination)	Eliminates increased IR and Far Red Pollution when ND is required by cutting the spike produced in the far red visible spectrum at 680nm.
	Full Spectrum IRND	Should only be used in combination with a Hot Mirror for same result as in the combination filter above (HMIRND), it will not CUT IR in a Red One without a Hot Mirror. Should not be stacked with standard ND filters.
	80CHM (NEW) (combination)	For correcting the Color Temperature for use in Tungsten Lighting with a 1 stop loss and eliminating IR Pollution.
	80DHM (NEW) (combination)	For correcting the Color Temperature for use in Tungsten Lighting with a 1/3 stop loss and eliminating IR Pollution.
	80C	For correcting the Color Temperature for use in Tungsten Lighting with a 1 stop loss. <i>Can be used in combination with the Hot Mirror for same result as 80CHM.</i>
	80D	For correcting the Color Temperature for use in Tungsten Lighting with a 1/3 stop loss. <i>Can be used in combination with the Hot Mirror for same result as 80DHM.</i>
Sony F35 Panavision Genesis (CCD) Sony EX1 / EX 3 (3 CMOS Chip)	IR680 (NEW) (Available July)	Eliminates Far Red Pollution at 680nm when not using any ND filtration, for better color reproduction, crisper blacks. Only a 1/3 stop loss.
	Full Spectrum IRND	Eliminates Far Red Pollution which increases with the use of normal ND at 680nm.

NOTE: All Tiffen combination filters are extremely useful in a two stage Matte Box/Sunshade, when space is a premium. We recommend to always white balance after adding or removing any IR or Neutral Density filtration, due to color shifts. The Tiffen Hot Mirror and Hot Mirror combination filters do not cause color vignetting on wide lenses. Tiffen Full Spectrum IRND and Hot Mirror IRND filters are available 0.3, 0.6, 0.9, 1.2, 1.5, 1.8, and 2.1 densities.

