

Norman Koren grew up in Rochester, NY, near the George Eastman House. Photography was a part of the environment. Interested in photography since 12; fine art photography since 21. Studied physics at Brown University, Wayne State University. Worked in magnetic recording technology (modeling, simulation) from 1967 through 2001. Pursued photography as a passsionate amateur during most of that period.

Founded normankoren.com in 2000 to exhibit images and teach techniques of digital photography. Got into technical depth in several areas, particularly image sharpness and quality

Imalest





Producing high quality fine art

Developing software (Imatest) for measuring key image quality factors, including

- Sharpness and resolution (MTF)

- - color gamut, response tonal response, Dmax



Diffraction	f-stop	Rayleigh Limit (lp/mm)	Pixel spacing (RL = Nyquist)
	5.6	286	1.75 μm
	8	200	2.5 μm
	11	145	3.44 μm
	16	100	5 µm
diffraction-limi	ted at the leigh lim	e correspond it). Difficult to lenses are a	ing f-stop (MTF ≘ achieve for large berration-limited
-stops ($\leq 1/5.6$			
Hence there i than 2 μm. Ar range, noise).	i <mark>s little t</mark> nd much	o be gained to be lost (IS	for pixels small O speed, dynam