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## Sensor Resolution Versus Lens Resolution

An informative new white paper from Resolve Optics addresses the often misunderstood considerations when selecting an optimum lens for your digital camera or sensor. The ability of a lens to resolve detail is usually determined by the quality of the lens but is ultimately limited by diffraction. It is commonly thought that the resolution of a lens should match or exceed the Nyquist resolution of the sensor that it has been selected to work with, in order to achieve optimum performance. This is a common misconception.

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