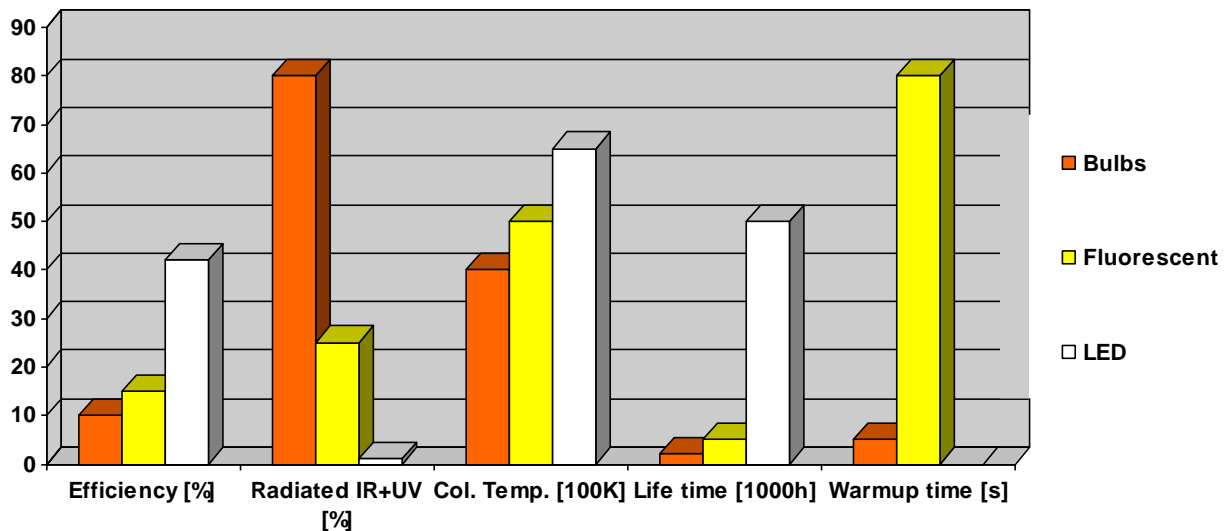


No Light, No Scan

Light sources have gone through a dramatic evolution in the last couple of years with the introduction of white LEDs. The following diagram compares traditional tungsten bulbs, fluorescent lamps and state-of-the-art white LEDs.



The limited lifetime and instability of fluorescent lamps has led to replacing the illumination system with an ultra stable, very high color index white LED lamp design, which has a rated lifetime of more than 50,000 hours. This ensures over six years of uninterrupted operation; thus the lamps are no longer considered a consumable. The LED illumination also has no warm up time and saves a great deal of energy because it is switched on only while scanning. These new LED lamps were designed together with two of the largest LED manufacturers and are produced by Image Access in high quantities also for other scanner vendors.

All our scanners use an ultra-stable, long life, instant-on LED illumination system which is specifically developed to achieve the highest possible color gamut.

Last but not least, this all comes at a price. High quality cameras are always significantly more costly than consumer level cameras. This is true for scanners, for digital cameras as well as for video cameras. The camera and illumination block in our large format scanners is by far the costliest item, but thanks to our high volume and fully automated production, we can keep the costs down so that there is no reason to consider a CIS-based scanner just to save money.

Image Access is the only large format scanner vendor that also produces flatbed and overhead scanners as well as camera assemblies for sheet feed scanners. Our current production capacity is well above 1000 cameras per month, exceeding the output of most of our large format competitors substantially.