

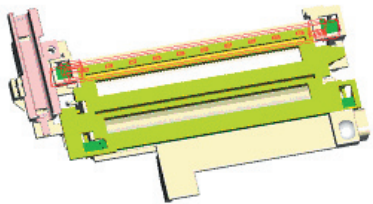
What does the Epson Perfection V500 new ReadyScan™ LED Technology mean for customers?

Epson Perfection V500 is the first in the Epson scanner family to replace the traditional cold cathode fluorescent lamp (CCFL) light source with the light emission diode (LED) technology. There are numerous customer advantages with this current technology.

Did You Know?

Updating the scanner light source gives some clear customer advantages:

- Zero warm up time. There is no waiting time before the scanner starts to scan
 - As the Epson Perfection V500 LED is made of an array of semiconductors, its working principle allows it to light up instantly. With this beneficial characteristic, there is no warm up time needed for the light source, unlike conventional CCFLs. Users can start scanning more efficiently.
 - There is also no warm-up time when switching from scanning film to scanning reflective images.
 - With no warm-up and efficient LED white light, users experience fast overall scan speeds.
- Less impact on the monthly power bill
 - Less power consumption is required.
 - Less heat is generated which means less wasted energy.
 - During operation, power is reduced by 20% over previous models.
 - During ready mode, power is reduced by 44% over previous models.



LED transparency unit for the Epson Perfection V500

Energy Savings	Perfection V500 Photo	Perfection 4490 Photo	Canon CanoScan 8600F	Canon CanoScan 8800F	HP ScanJet G4050
Light source	ReadyScan LED	CCFL*	CCFL	LED	CCFL
Power Consumption in Watts	16	20	18	18	25
Wattage Difference to V500	0	4	2	2	9
Percentage Difference to V500	0%	20%	11%	11%	36%

- More environmental friendly
 - Mercury free lamp
- Very durable
 - LEDs don't burn a filament, so they tend to last longer than traditional CCFLs.
 - LEDs also don't change color with age, as CCFLs can.



With these innovative designs, the Epson Perfection V500 is the first CCD mercury-free flatbed scanner with film scanning capability. In terms of technology, ReadyScan LED Technology has many advantages that explains why other fields of technology are also replacing the traditional CCFL with LED.

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