

Flicker Testing Voron 2.4 750W Mains Heated Bed			
Lamp 1 - TCP LED10A19DOD			
10W, 93mA, 2700k, 120V 60Hz			
PWM Frequency	10Hz (0.1)	44.9Hz (0.02227)	47.9Hz (0.02088)
amp diff (mv)	2.75	1.25	1.25
DC RMS (mv)	447	526	573
Flicker %	0.62%	0.24%	0.22%
Notes	seemed ok		
Lamp 2 - Feit CEOM100/950/4 - Worst by far			
17.5W, 120VAC 165mA 1600 lumens			
This light seems to flicker on it's own, so it's running on the edge of line regulation.			
Likely the capacitance on this lamp is marginal, which will lead to excessive flickering...			
PWM Frequency	10Hz (0.1)	44.9Hz (0.02227)	47.9Hz (0.02088)
amp diff (mv)	16.25	8	8
DC RMS (mv)	1590	1550	1640
Flicker %	1.02%	0.52%	0.49%
Notes	bad	seemed ok	
Lamp 3 - Compact Fluorescent			
The ballast flickers this lamp at 65.5kHz			
Light seems to flicker on it's own			
PWM Frequency	10Hz (0.1)	44.9Hz (0.02227)	47.9Hz (0.02088)
amp diff (mv)	3.75	3	4
DC RMS (mv)	542	530	618
Flicker %	0.69%	0.57%	0.65%
Notes	bad		
Lamp 4 - GE Relax LED - Best on test			
8.5W, LED filament, 120VAC 800 lumens 110mA			
PWM Frequency	10Hz (0.1)	44.9Hz (0.02227)	47.9Hz (0.02088)
amp diff (mv)	2	2	2
DC RMS (mv)	621	529	540
Flicker %	0.32%	0.38%	0.37%
Notes	seems ok		