

Flicker Testing Voron 2.4 750W Mains Heated Bed			
<b>Lamp 1 - TCP LED10A19DOD</b>			
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	ok		
<b>Lamp 2 - Feit CEOM100/950/4</b>			
17.5W, 120VAC 165mA 1600 lumens			
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		
<b>Lamp 3 - Compact Fluorescent</b>			
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		
<b>Lamp 4 - GE Relax "60W" LED8DGASW9Q - Best on test</b>			
8.5W, LED filament, 2700, 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	ok		
<b>Lamp 5 - GE Classic "40W" LED5DAGCBW Bright White - BY FAR WORST ON TEST!!</b>			
4.5W, LED filament, 3500k, 120VAC, 450 lumens 70mA			
PWM Frequency	10Hz (0.1)	44.9Hz (0.02227)	47.9Hz (0.02088)
amp diff (mv)	12	8.5	8.75
DC RMS (mv)	350	368	415
Flicker %	3.43%	2.31%	2.11%
Notes	TERRIBLE!!!		
<b>Lamp 6 - GE Classic "60W" LED8DAGCSW Soft White</b>			
8W, LED filament, 2700k, 120VAC 800 lumens 100mA			

PWM Frequency	10Hz (0.1)	44.9Hz (0.02227)	47.9Hz (0.02088)	
amp diff (mv)	4.25	3.5	3.25	
DC RMS (mv)	580	540	530	
Flicker %	0.73%	0.65%	0.61%	
Notes	ok			