



How do I confirm that the Star Lamp cards are set properly on a A5, 512 or 1024?

For 20 watt current regulator card 112907 and driver card 112904: Use a multi-meter set to the VDC range. Insert the red (+) probe into the red test point on driver card 112904, insert the black (-) probe into the blue test point. Run the star control all the way up, the stars should light and the meter should read 1.9 volts. Run the star control down to the detent, which is one step before the stars go out. The meter should read 0.9 volts. (These measurements indicate 0.9 to 1.9 amps current.)

If these levels are not correct they can be adjusted via the potentiometers on regulator card 112907. Use a small flat blade screwdriver to adjust. With the star control all the way up adjust the lower potentiometer (pot) R10 until the meter reads 0.9 volts. With the control down to the detent adjust the higher pot R7 to attain 1.9 volts. Repeat this adjustment as the pots interact with each other. It may be helpful to have someone at the console run the stars control up and down.

For 75 watt current regulator card 130339 and driver card 130340: Use a multi-meter set to the VDC range. Insert the red (+) probe into the red test point on driver card 130340, insert the black (-) probe into the blue test point. Run the star control all the way up, the stars should light and the meter should read 0.59 volts. Run the star control down to the detent, which is one step before the stars go out. The meter should read 0.19 volts. (These measurements indicate 0.9 to 1.9 amps current.)

If these levels are not correct they can be adjusted via the potentiometers on regulator card 130339. Use a small flat blade screwdriver to adjust. With the star control all the way up adjust the lower potentiometer (pot) R10 until the meter reads 0.59 volts. With the control down to the detent adjust the higher pot R7 to attain 0.19 volts. Repeat this adjustment as the pots interact with each other. It may be helpful to have someone at the console run the stars control up and down.

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