



Collimare LED Power Requirements

Refer to Manual Section 4.4 ELECTRICAL CONNECTIONS - Page 29

WARNING
IGNORING THIS COULD COST YOU \$500

Power must be 24VDC or Isolated 24VAC

How to Confirm your Power is Isolated:

- 1)** Connect the supplied 25' extension cable Black and White wires to your AC Source. DO NOT PLUG INTO THE COLLIMATOR PIGTAIL YET! Attach Green wire to ground.
- 2)** With a voltmeter, measure the Black wire to the Green Wire. It should read approximately 10-50VAC. If it reads zero VAC, the power is not isolated and cannot be used!
- 3)** With a voltmeter, measure the White wire to the Green Wire. It should read approximately 10-50VAC. If it reads zero VAC, the power is not isolated and cannot be used!
- 4)** With a voltmeter, measure the Black wire to the White wire. It should read approx. 24VAC

If you measure 24VAC, after performing the individual tests as above, you have isolated AC and can use this source to power the collimator

FOR CPI CMP200 Installations:

Per CPI the recommended connection for the Collimare LED Unit on a CMP200 generator is:

- J11-1: DC ground
- J11-2: 24VDC positive

The polarity to the Collimare LED Unit does not matter.

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