

Constant Current Regulator & Circuit Review Record

Complete in preparation for a Lumacurve LED Airfield Sign Installation

Regulator ID#: _____ Circuit # _____

Airport: _____ Project/Reference: _____
or Identifier

CCR Manufacturer: _____ Approx Age: _____

Size: _____ KW

Regulator Type (select one)

- Ferro-Resonant/Saturable Core
 SCR/Solid State

Circuit Type (select one)

- 3 Step, medium intensity circuit
 5 Step, high intensity circuit
 Style 5, 5.5A dedicated sign circuit

Important: Lumacurve LED sign controllers must be set to appropriate regulator type

Circuit Meggar Test Date: _____

Meggar Reading: _____

FAA Meggering Recommendations (per AC 150/5340-26B) :

Circuit Length in Feet	Minimum resistance to Ground
10,000 or Less	50 megohms
10,000 to 20,000	40 megohms
20,000 or more	30 megohms

The FAA notes: "The insulation resistance that is required for new installations will have a great effect on the ability of the maintenance staff to maintain the series lighting circuits after installation and acceptance."

Notes:

Copies of this record should be turned over to the airport/owner and engineer upon completion of the project or installation.

Reviewed by: _____

Date: _____

