

PHYSICS 570 – Master's of Science Teaching

“Electricity”

**Lecture 14 – Ideal Circuits with
Light bulbs**

**Instructor – Richard Sonnenfeld
mpsonnenfeld@gmail.com**

575-835-6434

Light bulbs are ALMOST like resistors.

Basic circuits courses treat light-bulbs like resistors.

They really aren't though because when real lightbulbs get hot, their resistance increases.

In the computer simulation, the computer pretends they are just like resistors.

Homework is Lab 14

Build lightbulb circuits using pHeT “DC Circuits” simulation.