

Abstract

The reason we are doing this project is to see if the climate we test with the circuit has any effect on the circuit. We tested a simple LED circuit in two different conditions, extreme hot and extreme cold. We tested the warm climate by using a heater at 90 degrees Fahrenheit and the cold climate in a freezer at 0 degrees Fahrenheit. What we found out was that the warm climate made the circuit perform worse than the colder climate. Then we tested our solutions at the same temperature and found that the hot environment improved rapidly and the cold improved a little higher.