## Test Table – Sun levels

| Test Data | Expected Result | Actual Result | Pass |
|---|---|---|---|
| Low room light | sunLevel = 0 | sunLevel = 0 | Yes |
| High room light | sunLevel = 0 | sunLevel = 0 | Yes |
| Indirect sunlight | sunLevel <= 1 | lightLevel = 0 | Yes |
| Direct sunlight | sunLevel > 0 | sunLevel = 4 | Yes |
| Cloudy sunlight | 0 < sunLevel < 5 | sunLevel = 2 | Yes |

## Test Table – Heat Indices

| Test Data | Expected Result | Actual Result | Pass |
|---|---|---|---|
| 23 C room, ~50% humidity | heatIndex = ~73 F | heatIndex = 75 F | Yes |
| 50% humidity, far from heat lamp | heatIndex > 75 F | heatIndex = 84 F | Yes |
| 50% humidity, close to heat lamp | heatIndex > 85 F | heatIndex = 96 F | Yes |
| Finger over sensor | Unknown | heatIndex = 91 F | N/A |

## Test Table – Actuators

| Test Data | Expected Result | Actual Result | Pass |
|---|---|---|---|
| heatIndex = 75 F | Green neopixels | Green neopixels | Yes |
| heatIndex = 81 F | Yellow neopixels | Yellow neopixels | Yes |
| heatIndex = 91 F | Orange neopixels | Orange neopixels | Yes |
| heatIndex = 104 F | Orange-red neopixels | Orange-red neopixels | Yes |
| heatIndex = 126 F | Red neopixels, buzzer on | Red neopixels, buzzer on | Yes |