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| **Python with Robots**  **Mission 7 Lab Data Sheet OBJ 2 – Power** | **Name:** |

Testing **Power**

An emitter power levelsetting from 1 (low power) to 8 (high power) controls the brightness of CodeBot’s IR “flashlight.”

power = 1

thresh = 75

|  |  |
| --- | --- |
| **Color of surface** | **Distance (cm) for** True |
| Open space |  |
| Black |  |
| Gray |  |
| White |  |

power = 4

thresh = 75

|  |  |
| --- | --- |
| **Color of surface** | **Distance (cm) for** True |
| Open space |  |
| Black |  |
| Gray |  |
| White |  |

power = 8

thresh = 75

|  |  |
| --- | --- |
| **Color of surface** | **Distance (cm) for** True |
| Open space |  |
| Black |  |
| Gray |  |
| White |  |