

| CURRENT STATE | MOTION | DAYLIGHT | NEXT STATE | LIGHT ON |
|---------------|--------|----------|------------|----------|
| S0 (Idle) | 0 | 1 | S0 (Idle) | 0 |
| S0 (Idle) | 1 | 0 | S1 (Delay) | 1 |
| S0 (Idle) | 1 | 1 | S0 (Idle) | 0 |
| S1 (Light On) | 0 | 0 | S2 (Delay) | 1 |
| S1 (Light On) | 1 | 1 | S0 (Idle) | 0 |
| S2 (Delay) | X | X | S0 (Idle) | 0 |

