**Smart Light Guide**

EEPROM Guide:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Addr**. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | … | 128 | 164 |
| **Val.** | Valid Cred? | SSID Len. | SSID | | | | Pass Len. | Password | | | | | … | B | W |
| **Ex.** | 7 | 4 | s | s | i | d | 5 | p | a | s | s | w | … | 50 | 75 |

* Address 0 represents whether or not the Light has valid network credentials stored
  + A value of 7 causes the Light to repeatedly try to connect to the network
  + Any other value causes the Light to enter setup mode
* Address 1 holds the amount of characters in the SSID (n)
* Addresses 2 🡪 n + 1 hold the SSID
* Address n+2 holds the amount of characters in the password (m)
* Addresses n+3 🡪 m+n+2 hold the password
* Address 128 holds the current brightness of the light (0-100%)
* Address 164 holds the current warmth value of the light (0-100%)

Indicator Light Guide:

|  |  |  |
| --- | --- | --- |
| **Red LED State** | **Green LED State** | **Device Status** |
| Off | Off | Powered Off |
| Flashing | Off | Searching for Hub AP (setup mode) |
| Solid | Off | Connected to Hub AP |
| Solid | Flashing | Attempting Connection to Home Network |
| Solid | Solid | Connected to Home Network |