LED Status Signals

Pattern	Description
🔵 (Blue. Constant)	Factory reset ready (*Push PROG 3x for 1 second to perform factory reset)
🔵🔴 (Blue/Read, alternating)	Performing factory reset
🟠🟠 (Orange, quick flashes)	WiFi configuration portal ready
🔵 (Light blue, constant)	Idle
🟠🔵 (Orange/Blue, alternating)	Offline
🟢 - (Green, flashing)	Data collection
🔵 - (Blue, flashing)	Data upload
🔴🔴 (Red, quick flashes)	Upload failed
🔴 (Red, constant)	Facility initialization failed
🌈 (Rainbow colors, alternating)	OTA Update running
- 🟢🟢🟢🟢 (Green, 5x quick flashes)	Boot (Config Migration)
- 🟢🟢🟢🟣 (Green/Purple, 4x quick, 1x slow flashes)	Boot (I2C Scan)
- 🟢🟢🟢🟣🟢 (Green/Purple, 3x quick, 1x slow, 1x quick flashes)	Boot (Graceful Restore)
- 🟢🟢🟣🟢🟢 (Green/Purple, 2x quick, 1x slow, 2x quick flashes)	Boot (SD Test)
- 🟢🟣🟢🟢🟢 (Green/Purple, 1x quick, 1x slow, 3x quick flashes)	Boot (WiFi Connect)
- 🟣🟣🟢🟢🟢 (Green/Purple, 2x slow, 3x quick flashes)	Boot (Online Check)
- 🟣🟣🟣🟢🟢 (Green/Purple, 3x slow, 2x quick flashes)	Boot (Online Date update)
- 🟣🟢🟢🟢🟢 (Green/Purple, 1x slow, 4x quick flashes)	Boot (Token Validation)
- 🟣🟢🟢🟢🟣 (Green/Purple, 1x slow, 3x quick, 1x slow flashes)	Boot (Facility Init)
- 🟣🟢🟢🟣🟢 (Green/Purple, 1x slow, 2x quick, 1x slow, 1x quick flashes)	Boot (OTA Check)
- 🟣🟢🟢🟣🟢 (Green/Purple, 1x slow, 1x quick, 1x slow, 2x quick flashes)	Boot (App Start)

Also, the LED can signal two events: S0-Impulse received (🔴 Quick red flash) and IEC command received (🟣 Quick purple flash).

*After pushing reset for at least 1 second, to get "Blue. Constant" state