

## Application Note 202

Revised May 2020

### LED Indications for Nomad Family v.3.

The Nomad LED flashes in Green, Yellow and Red as an indication of Information, Signaling and Malfunction respectively. Nomad family v.3. ID:005XX.

The description of the LED flashing pattern is presented below.

State	Description	Flashing Pattern
<b>Start</b>	The LED lights after 10 seconds of dummy plug disconnection. The electronics are under internal configuration.	<b>GREEN LED → Always ON</b>
<b>Checking battery</b>	Checking battery state	<b>GREEN LED → 500ms ON</b>
<b>Idle</b>	Idle between operations	<b>GREEN LED → 1 flash every 3 seconds</b>
<b>Idle with low battery</b>	Idle between operations with low battery	<b>YELLOW LED → 1 flash every 3 seconds</b>
<b>Idle with very low battery</b>	Idle between operations with very low battery	<b>YELLOW LED → 1 flash every 6 seconds</b>
<b>Active GNSS without fix</b>	GNSS module is active and searching satellite signal	<b>YELLOW LED → 2 flashes every 3 seconds</b>
<b>Active GNSS with fix</b>	GNSS modules has determined its position	<b>GREEN LED → 2 flashes every 3 seconds</b>
<b>SBD active without signal</b>	Iridium modem is active and searching satellite signal	<b>YELLOW LED → 3 flashes every 3 seconds</b>
<b>SBD active TX</b>	Iridium modem is connected to satellite and transmitting	<b>GREEN LED → 3 flashes every 3 seconds</b>
<b>Error</b>		<b>RED LED → Flashing</b>
<b>Sleeping Mode</b>	The drifter “sleeps” between samples to save energy	<b>ALL LEDs → Off</b>