

| BASIC REGISTERS | | | | | | | | | |
|---|--------------------------------------|-----------------------|---------------------------------------|---------------|---------------|-------------------------------------|------------|-----------|--|
| Service Name | Service UUID | Characteristic Name | Characteristic UUID | Value Range | Default Value | Operations | Persistent | UI Advice | Description |
| Generic Access | 1800 | Device Name | 2A00 | <read-only> | 'Relio' | Read | <n.d.> | <none> | Peripheral Name |
| Light Control | 8cbb30f5-758b-4974-9cfc-491e97c327c5 | Current Brightness | 0d3cb989-ba3a-405d-9a9e-5ec9ca187a7c | 00-FF | FF | Read, Write, Write without response | No | Slider | Brightness level. |
| Light Control | 8cbb30f5-758b-4974-9cfc-491e97c327c7 | Strobe Frequency | c1b9d27d-dde8-40f6-990c-3add0fc2c583 | 00-FF | 00 | Read, Write, Write without response | Yes | Slider | Strobe frequency. |
| System Settings | e97e5b3b-8038-4257-89ef-a51975eab6f0 | Secure Mode | f9b1e979-3b04-4f34-869d-55e57a642b21 | 00-01 | 00 | Read, Write, Write without response | Yes | Toggle | Secure Mode status. |
| System Settings | e97e5b3b-8038-4257-89ef-a51975eab6f0 | Save Brightness Level | 66489518-990a-4ac9-81b4-2e45cfa3aa97 | 00-01 | 00 | Read, Write, Write without response | Yes | Toggle | Enables or disables the persistence of brightness level between reboots. |
| ADVANCED REGISTERS | | | | | | | | | |
| Service Name | Service UUID | Characteristic Name | Characteristic UUID | Value Range | Default Value | Operations | Persistent | UI Advice | Description |
| System Settings | e97e5b3b-8038-4257-89ef-a51975eab6f0 | MAX LED Current | 7958a1ab-91cc-4bac-9ff6-f35465c9692c | 00-FF | FF | Read, Write, Write without response | Yes | <none> | Scales down the maximum power of the LED, if less heat, less irradiation or less power consumption are needed. |
| System Settings | e97e5b3b-8038-4257-89ef-a51975eab6f0 | LED Ramp | 1cacb6a4-cb98-4cbb-943c-7983396ce5d1 | 00-FF | C8 | Read, Write, Write without response | Yes | <none> | Changes the speed of brightness level smoothing. |
| System Settings | e97e5b3b-8038-4257-89ef-a51975eab6f0 | Strobe ON Time | 10126011-8daf-45ec-bb94-f85f4566e547 | 01-FE | 05 | Read, Write, Write without response | Yes | <none> | Strobe ON time during a strobe cycle. |
| System Settings | e97e5b3b-8038-4257-89ef-a51975eab6f0 | Factory Reset | act1fee18-0a82-40fb-92a3-ed39cb966100 | 00-01 | 00 | Read, Write, Write without response | No | <none> | Factory resets all the API registers to their default values, wipes all the saved data and reboots the device in Device Test Mode (DTM) for the first power cycle. |
| System Settings | e97e5b3b-8038-4257-89ef-a51975eab6f0 | System Reboot | 5fed4b89-8622-417b-8f1c-f2d3a75f127a | 00-01 | 00 | Read, Write, Write without response | No | <none> | Reboots the device in Device Test Mode (DTM) for the first power cycle. |
| System Settings | e97e5b3b-8038-4257-89ef-a51975eab6f0 | LED Color | 27095e54-a455-4ff4-b5b7-89eec20d8763 | 00-04 | 00 | Read, Write, Write without response | Yes | <none> | Designates the lamp version: 0 = "", 1 = "Art", 2 = "4K", 3 = "Studio", 4 = "Lab". |
| RESPONSE DATA | | | | | | | | | |
| ADV Response | Packet | Subpacket | Cached | Value Range | Operations | Description | | | |
| Manufacturer Data | <AA:BB:CC:DD:EE:FF> | | | | | | | | |
| | | AA | Yes | <proprietary> | Read | Static manufacturer data. | | | |
| | | BB | Yes | <proprietary> | Read | Static manufacturer data. | | | |
| | | CC | No | 00-FF | Read | Current Brightness. | | | |
| | | DD | No | 00-FF | Read | Strobe Frequency. | | | |
| | | EE | No | 00-01 | Read | Secure Mode. | | | |
| | | FF | No | 00-04 | Read | LED Color. | | | |
| <p>This API describes interfacing registers of Relio² [firmware release: v1.001]. Reproduction or integration of this proprietary API in third-party commercial end-products is strictly prohibited. Copyright The Relio Team 2018. All rights reserved.</p> | | | | | | | | | |