### Test 060-10-01 to 060-10-09 LED Commands

Determine proper use of the LED command code 0x69 and associated control code values (Tables 15, 16, 17, 18) for temporary and permanent LED displays and the proper processing of the command by the PD in accordance with the LED capabilities reported.

##### PD

PD processes and LED command and displays the proper colors, pattern and timing as indicated it supports in the PDCAP response.

##### ACU

ACU MUST issue valid LED command (0x69 and Table 15) and control code and color values (Tables 16, 17, and 18).

#### Purpose

Used by ACU to control PD LEDs.

#### Criteria

|  |  |
| --- | --- |
| Basic OSDP (PD) | Required |
| Basic OSDP (ACU) | Optional |
| Secure Channel (PD) | Required |
| Secure Channel (ACU) | Optional |
| BIO Match (PD) | Required |
| BIO Match (ACU) | Optional |
| BIO Read (PD) | Optional |
| BIO Read (ACU) | Optional |
| Extended Packet Mode (PD) | Optional |
| Extended Packet Mode (ACU) | Optional |
| Extended Read/Write (PD) | Optional |
| Extended Read/Write (ACU) | Optional |

#### Test action

##### PD Test

See profile compliance matrix for required vs. optional for different LED color types. Commands are sent to the reader and tester observes proper behavior for supported colors.

##### ACU Test

ACU send osdp\_LED 0x69 command for those capabilities supported and accept NAKs in the case where the colors are not supported.

#### Development status

Available in libosdp-conformance [1.31-Build-4](https://github.com/Security-Industry-Association/libosdp-conformance/releases/tag/1.31-4)

#### Test Results

JSON tags

|  |  |
| --- | --- |
| test | 060-010-01 to 060-10-09 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

New as 2.4.2