Control Programming LLC
Release Notes

UI Tile – Control Programming LLC – Toggle - Cloud
version 2.00.006

Extension

This release note is for the CPLLC UI Tile toggle Extension. This extension is for UI purposes only and must be "wired" to the actual hardware for control.

The extensions can be configured to respond to the tile being clicked. Clicked once it toggles on, clicked again it toggles off. It can also be configured to require a PIN code to be entered before allowing the toggle to be toggled.

Allowable Crestron Home icons can be found at
https://sdkcon78221.crestron.com/sdk/Crestron_Certified_Drivers_SDK/Content/Extension-Device-Icons.pdf

Notes and Recommendations

Drivers->UI Tiles->Control Programming->Toggle

System Requirements and Dependencies

Crestron Home v3.14

This extension requires that the License Manager (https://cpllc.net/product/license-manager/) must also be installed on the processor.

Operation Installation/Upgrade Instructions

Installer Options

ⓘ	**Obtain License Key** Clicking the link, on the right, takes you to CPLLC.net where license keys can be obtained. A purchased license key is required to be entered i...	CPLLC.net
ⓘ	**Show in Home Screen** Checked to show on Home screen	☐
ⓘ	**Show on Room Screen** Checked to show in Room screen	☑
ⓘ	**Starting PIN Code** Enter initial numeric PIN code. Leave blank to disable PIN.	
ⓘ	**Only Display Feedback** If checked, feedback shown on the Tile would only come from the feedback Actions. If unchecked, feedback displayed would be ba...	☐
ⓘ	**Checked if tile clickable** Checked if tile clickable	☑
ⓘ	**Only Display Tile** If checked, feedback shown on the Tile would only come from the feedback Actions. If unchecked, feedback displayed would be ba...	☐
ⓘ	**Controls Page Title** Title to display on Controls Page	Lights
ⓘ	**On Icon** Icon to display when toggle is on.	icLightsOnRegular
ⓘ	**On Button Text** Text to display on the On Button	On
ⓘ	**On Feedback Text** Feedback text to display when toggle is on.	On
ⓘ	**Off Icon** Icon to display when toggle is off.	icLightsOffRegular
ⓘ	**Off Button Text** Text to display on the Off Button.	Off
ⓘ	**Off Feedback Text** Feedback text to display when toggle is off.	Off
ⓘ	**Show CH Icons** Clicking the link on the right, take's you to Crestron Home's icon PDF document which can be used to determine icon text strings.	CH Icons

Obtain License Key – clicking on "CPLLC.net" will bring up the webpage to purchase a license.

Show in Home Page – checked if the tile should be displayed on the home page.

Show on Room Page – checked if the tile should be displayed in the room.

Starting PIN Code – Starting PIN numeric code. Leave blank if PIN not required.

Only Display Feedback – if checked the feedback can only come from a sequence input. If unchecked feedback will come from the last selected UI button and/or programmatic on/off.

Check to Tile Clickable – if checked the room/home tile can be clicked to cause the toggle. If checked the PIN code and control pages will be disabled.

Controls Page Title – what is displayed at the top of the controls page.

On Icon – Icon to be used for "On" state.

On Button Text – Text for "On" Button.

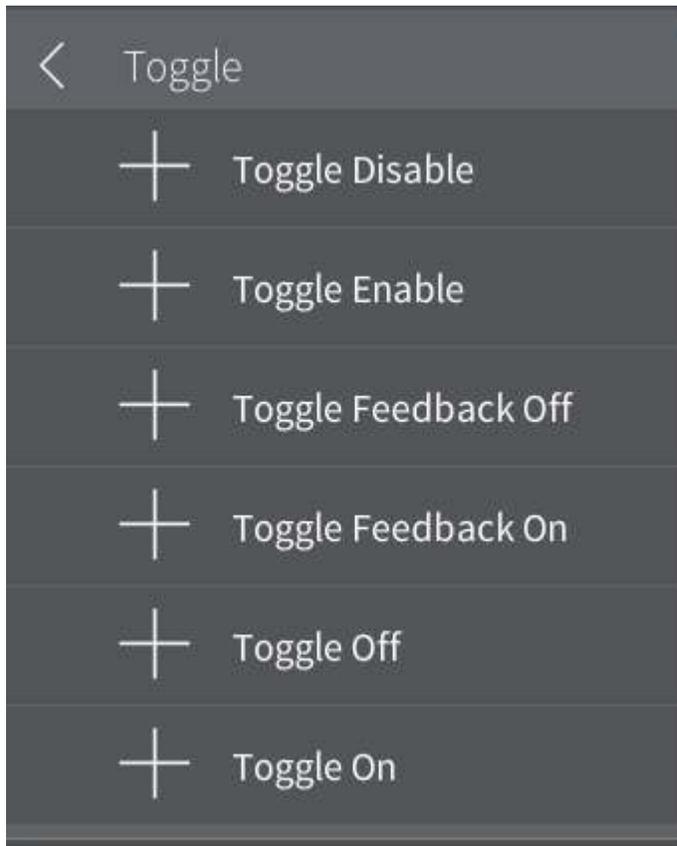**On Feedback Text** – Text to display for "On" feedback.

Off Icon – Icon to be used for "Off" state.

Off Button Text – Text for the "Off" button.

Off Feedback Text – Text to be displayed for "Off" feedback.

Show CH Icons – clicking the "CH Icons" link will bring up the webpage containing the icon strings for use above.

Actions

Toggle Disable – Disable the extension

Toggle Enable – Enable the extension

Toggle Feedback Off – this is feedback from the device that indicates the toggle should be off. If "Use Device Feedback" is checked, this is the only to show that the toggle is off.
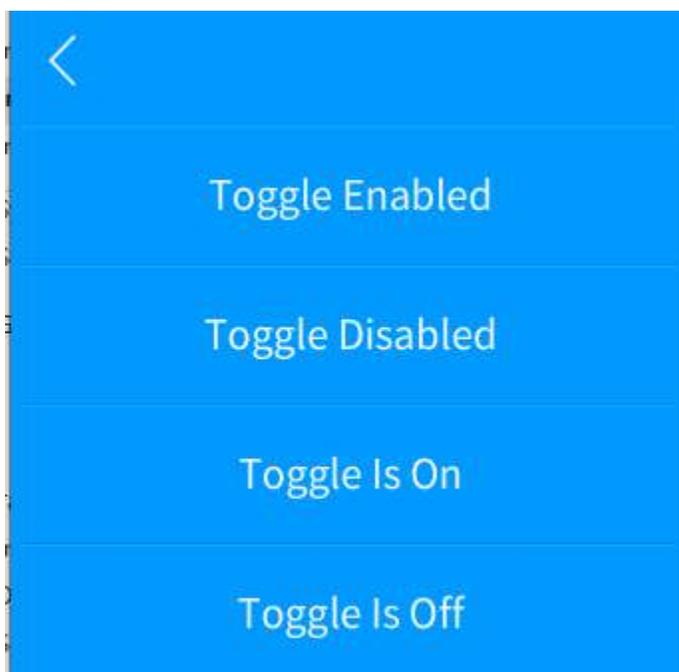
Toggle Feedback On – this is feedback from the device that indicates the toggle should be on. If "Use Device Feedback" is checked, this is the only to show that the toggle is on.

Toggle Off – Toggle to off state.

Toggle On – Toggle to on state.

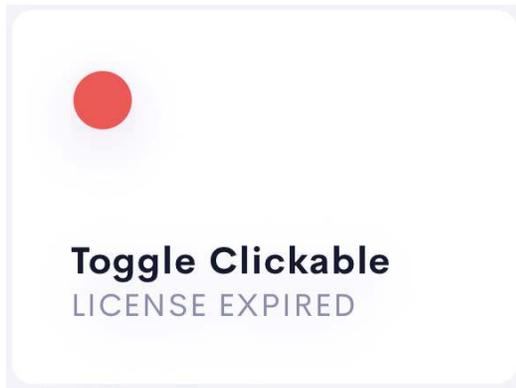**Toggle Toggle –** Toggle state between on/off

Events

Toggle Enabled - enable normal extension functions.

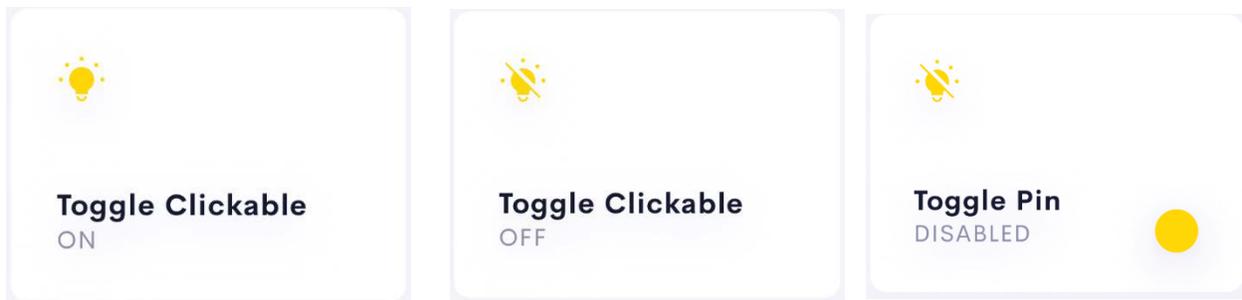**Toggle Disabled** – disable normal extension functions.

Toggle Is On– Toggle is in the on state.
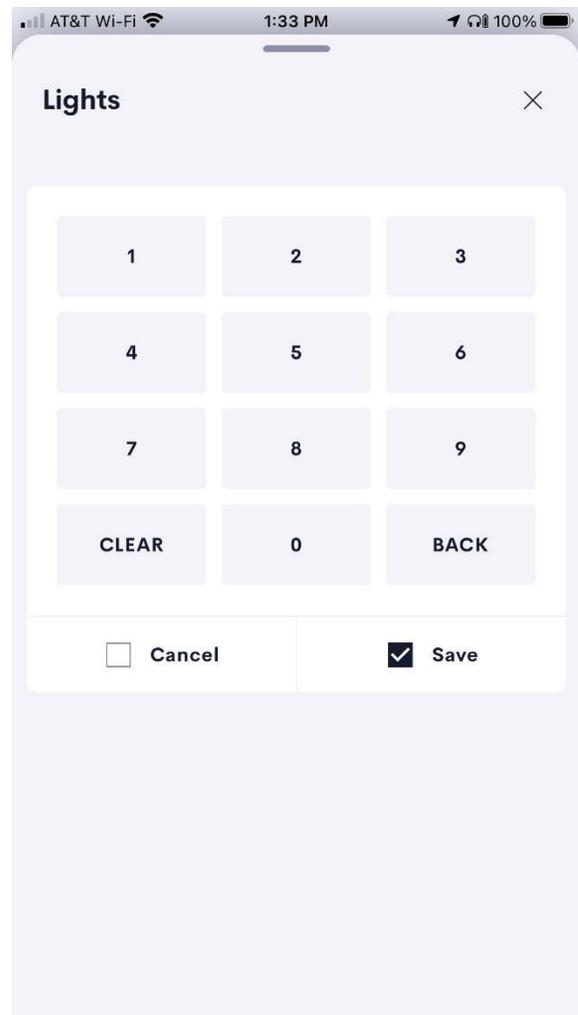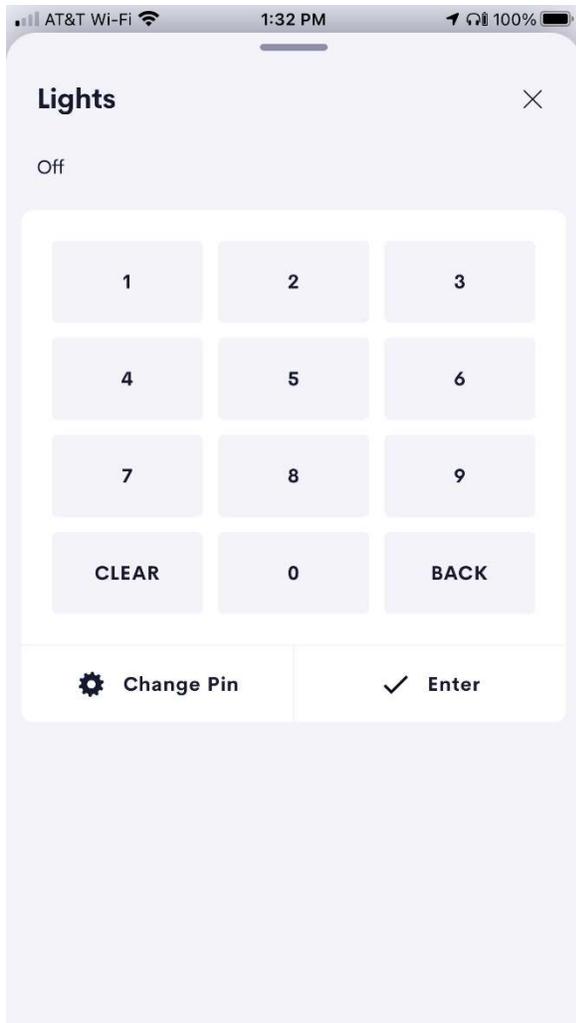
Toggle Is Off – Toggle is in the off state.
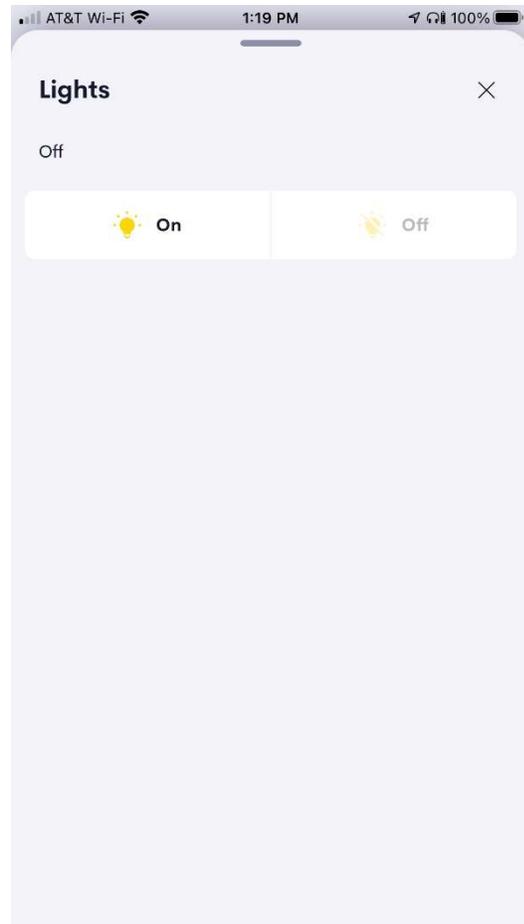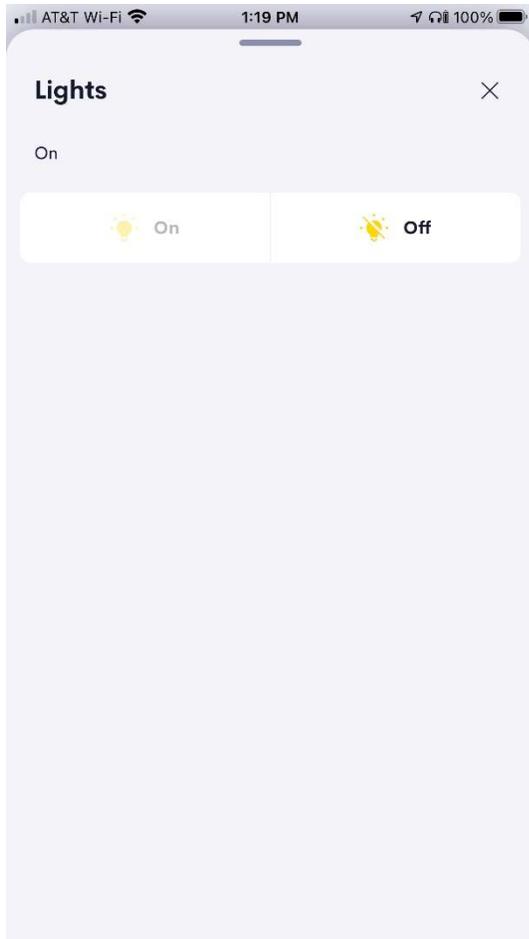
End-User Experience

Above is the tile feedback when an error condition that shows the license has expired.

The above 3 tiles show status feedback as the toggle is in the on, off, and disabled states.

If an initial pin has been specified in the installer options; the left image will be displayed prior to the controls being displayed. As the pin is entered in, it will be displayed in the upper left hand just above the pin pad. Ther are two options once the pin has been entered. Pressing ENTER results in the pin being checked and if correct the control will be displayed. If CHANGE PIN is pressed, the image on the right will be displayed. A different pin can be entered and either CANCEL or SAVE is pressed. In either case the controls page will be displayed.

•ıll AT&T Wi-Fi 🛜	1:19 PM	🧭 ⌒ll 100% ▬

Lights ✕

On

| 💡 On | 💡 **Off** |

•ıll AT&T Wi-Fi 🛜	1:19 PM	🧭 ⌒ll 100% ▬

Lights ✕

Off

| 💡 **On** | 💡 Off |

The left image shows the available controls when the toggle is on. The right image shows the controls when the toggle is off.

Two minutes after the toggle has been turned on/off, the pin pad will be reactivated.

Limitations/Known Issues

- No know limitations or issues

Supported Features

- Not applicable

Test Environment

- CP4-R and MC4-R
- Crestron Home v3.005.0054

Contact Information

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- License Key: https://cpllc.net/?product=ui-tile-toggle

Version History

2023-04-04   2.00.006

- Added required CCD SDK JSON fieldsp

2022-12-07   2.00.004

- Added Toggle action

2022-07-26   2.00.003

- Converted to 2.0 licensing schema
- Added 3 installer options for more detailed configuration

2021-12-20   1.01.003

- Added device feedback

2021-09-06   1.01.002

- Added URL links
- Fixed enable/disable bug where the tile could still be clicked while disabled.

2021-06-12   1.01.001

- Initial Release

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