Control Programming LLC

Release Notes

CPLLC Govee Platform

Version 5.00 · November 18, 2026

Product	CPLLC Govee Platform (Crestron Home platform)
Version	5.00
Release date	November 18, 2026
Where to find it	Drivers › Platform › Govee › LAN Lights
Requires	Crestron Home OS 4.12 or later, and Govee Wi-Fi lights with LAN Control turned on, on the processor's network
Licensing	A Govee Platform license key (cpllc.net/product/govee-platform) or a CPLLC site license key (cpllc.net/product/site-license), entered in the platform's Enter License Key, or a site license key once in the CPLLC License Manager

Overview

The CPLLC Govee Platform brings Govee Wi-Fi lights into Crestron Home: LED strip lights, bulbs, floor and table lamps, light panels, outdoor string and permanent lights. It talks to each light on the local network through Govee's own LAN API and adds it as a Crestron Home colour light with colour temperature, so it joins the room's Lights tile and can be part of Crestron Home lighting scenes.

Nothing goes through a cloud: no Govee account or API key is needed, and the lights keep working from Crestron Home when the internet is down. The Govee Home app is still where the lights are set up, and where LAN Control is turned on for each one.

Capabilities

Capability	What it does
Finding the lights	Every Govee light with LAN Control on, on the processor's network, is found by itself. Lights on another subnet are added by their IP addresses.

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Colour lights	Each light is added as a dimmable colour light with colour temperature: on, off, level, hue and saturation, or white from 2000 K to 9000 K.
Lighting scenes	Each light joins the room’s Lights tile and can be in the room’s lighting scenes.
Feedback	Each light’s state is read every 30 seconds, so a change made in the Govee Home app, by voice or by a schedule shows in Crestron Home within half a minute. A change made from Crestron Home shows at once.
New lights	A light added later, or given a new address by the router, is found at the next reading, ready to be placed in a room.
Lights off line	A light that stops answering shows as offline, and comes back by itself when it answers again.
Live changes	Debug output turns on and off while the processor runs.

What’s New in 5.00

- First release.

Installing

Before installing, add each light in the Govee Home app and connect it to the Wi-Fi network the processor is on. Then turn on LAN Control for each light: in the app, open the light, then its settings (the gear), and turn on LAN Control. The switch can take a few minutes to appear after a light is added, and only lights whose model supports it have it. Give each light a fixed address in the router if it may be added by address.

Add the platform from Drivers › Platform › Govee › LAN Lights. The CPLLC License Manager is not required. Enter the license key (or leave it blank on a site with a CPLLC site license), list the addresses of any lights on another subnet, and save the options. The platform finds the lights, and each appears in Crestron Home, ready to be placed in rooms.

Installer Options

Option	Description
Obtain License Key	Opens CPLLC.net, where license keys and site licenses can be purchased.
Enter License Key	The Govee Platform license key. Leave blank when the site has a CPLLC site license.
Light Addresses	Lights the search can’t find, such as lights on another subnet: their IP addresses, separated by commas. Leave blank when every light is on the processor’s network.

No light found at all, or an address that isn't an IP address, is reported when the options are saved. Once they are saved, each light is listed under Managed Platforms › the platform's name in Pair Devices, ready to be added to a room with its +, and the platform's Connections tab shows each light it added, the room it is in, and whether it is online.

Lights

Each light is added as a Crestron Home colour light with colour temperature, named for its model and the last four characters of its Govee id (for example Govee H6159 724E), since Govee's LAN API gives no names; rename it when placing it in a room. It joins the room's Lights tile with its switch and controls, and can be in the room's lighting scenes. A light turned off keeps its level and comes back on as it was. A light has no installer options of its own and no page; Crestron Home draws its controls.

A light uses Crestron Home's own light controls in sequences (on, off, level, colour and colour temperature, and lighting scenes); the platform adds no actions or events of its own for it.

End-User Experience

The platform has no tile of its own. Each light appears in its room's Lights tile, and in the lighting scenes it is part of, showing its state as last read.

Without a valid license key or a CPLLC site license, the lights run for a two-hour grace period after the platform starts; then they show License Expired and ignore their controls. Entering a valid key, or adding a site license, clears it without a restart.

Known Limitations

- Not yet tried with Govee lights in the CPLLC lab: the platform follows Govee's published LAN API guide and was built and checked against it, not run against real lights.
- Only lights whose model supports Govee's LAN API, with LAN Control turned on in the Govee Home app, are found. Bluetooth-only models are not.
- Govee's LAN API offers on, off, level, colour and colour temperature only. Scenes, effects, music modes and the separate segments of an RGBIC strip set up in the Govee Home app are not available; a light shows one colour for the whole strip when set from Crestron Home.
- Every light is added with colour and colour temperature, since the LAN API is the same for every model. On a white-only model the colour controls have no effect.
- The lights report nothing by themselves, so a change made outside Crestron Home shows within 30 seconds rather than at once. Crestron Home's fade time is not used: Govee's LAN API has none.
- Only one program on the processor can receive Govee's answers (UDP port 4002 is fixed by Govee), so only one copy of the platform can run on a processor.

Test Environment

No Govee lights were available in the CPLLC lab, so this release was built and checked against Govee's published LAN API guide, not run against real lights or on a Crestron Home processor.

Version History

Date	Version	Changes
2026-11-18	5.00	Initial release

Support

CPLLC Site License

A CPLLC site license is one key per processor, entered in the License Manager, that licenses every CPLLC extension and platform on that processor, current and future, so no product needs a key of its own. See the Site License page. Customers who already own CPLLC license keys can upgrade to a site license on the CPLLC website for the difference.

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