Control Programming LLC

Release Notes

CPLLC Virtual Drapes

Version 5.00 · November 21, 2026

Product	CPLLC Virtual Drapes (Crestron Home extension)
Version	5.00
Release date	November 21, 2026
Where to find it	Drivers › Shades › Control Programming LLC › Virtual Drapes
Requires	Crestron Home OS 4.13 or later
Licensing	A Virtual Drapes license key (cpllc.net/product/sdk-virtual-drapes), a CPLLC Toolkit license key (cpllc.net/product/toolkit-license) or a CPLLC site license key (cpllc.net/product/site-license), entered in the extension's Enter License Key, or a Toolkit or site license key once in the CPLLC License Manager

Overview

The CPLLC Virtual Drapes are drapes with no hardware behind them. Crestron Home shows and controls them as drapes with its own shade controls: they open, close, stop and go to a position from Crestron Home's controls, scenes and sequences. They move for the installer's transition time, the installer chooses how they open (center split, left to right or right to left), and Crestron Home raises its own shade events for them, so sequences can follow drapes that are not wired to the system, or stand in for them.

Capabilities

Capability	What it does
Open, close, stop	From Crestron Home's shade controls, scenes and sequences. Open and close are always carried out, even when the drapes already show that state.
Position	Goes to any position from fully closed (0%) to fully open (100%), and reports where they are, fully open or fully closed, and the way they last moved.

Capability	What it does
Drape type	Tells Crestron Home the drapes are drapes and how they open: Center Split (two panels meeting in the middle), Left to Right or Right to Left.
Transition time	Shows Opening or Closing for the part of the installer's full-travel seconds the move covers; Stop leaves them where they have got to.
Stop on or off	Enable Stop Button decides whether Stop does anything; with it off, the drapes carry on to where they were sent.
Crestron Home events	Crestron Home's own shade events: Opening, Closing, Fully Open, Fully Closed and Position Changed.
Live debug	Debug output turns on and off while the processor runs.

What's New in 5.00

- First release: drapes built on the Crestron Home shade model (Entity Model), which Crestron Home 4.13 and later controls with its own shade controls.
- Drape Type: Center Split, Left to Right or Right to Left.
- Enable Stop Button: Stop can be turned off.
- One Transition Time for opening and closing, as the Crestron Home shade model has one (5.00.004 had separate opening and closing times; after upgrading from it, enter the time again with Reconfigure).

Installing

Load the package on the processor, then add it from Drivers › Shades › Control Programming LLC › Virtual Drapes, name it, put it in a room, and enter its license key (or leave it blank on a site with a CPLLC Toolkit or site license), the transition time, the drape type and whether Stop is enabled.

Installer Options

Option	Description
Obtain License Key	Opens CPLLC.net, where license keys and site licenses can be purchased.
Enter License Key	The Virtual Drapes license key. Leave blank when the site has a CPLLC Toolkit or site license.
Transition Time (seconds)	How long the drapes take to move between fully closed and fully open, either way (default 5).
Drape Type	How the drapes open: Center Split (two panels meeting in the middle, the default), Left to Right or Right to Left (one panel drawn across the window).

Option	Description
Enable Stop Button	When checked (the default), Stop stops the drapes where they are. When unchecked, Stop does nothing and the drapes carry on to where they were sent.

Sequences

The drapes use Crestron Home's own shade controls in sequences and scenes (open, close, stop, position) and Crestron Home's own shade events (Opening, Closing, Fully Open, Fully Closed, Position Changed); they add no actions or events of their own.

End-User Experience

The drapes appear in Crestron Home's own Shades screen (a Shades control on the Home screen, with Rooms and Scenes), in their room with open, Stop and close, their state (Open, Closed or the percent open) and the room's All Shades buttons.

Without a valid license key or a CPLLC Toolkit or site license, the drapes run for a two-hour grace period after they start; then they go offline. Entering a valid key, or adding a Toolkit or site license, brings them back without a restart.

Known Limitations

- Needs Crestron Home 4.13 or later, the first version that draws shades from a driver itself; on an earlier version the drapes show no controls.
- Crestron Home always shows a Stop button for shades and drapes; with Enable Stop Button unchecked it is still shown, but does nothing.
- How Crestron Home presents each drape type is up to Crestron Home; the drapes report it, and open and close the same way whichever is chosen.
- The drapes control no hardware; they reach other devices only through sequences on Crestron Home's shade events.
- Their position is not kept across a restart: they start closed.
- While they move, the Crestron Home app keeps showing where they started (Closed while opening); the new position shows when the move ends or is stopped.

Test Environment

Crestron Home 4.013.0134 on a DIN-AP4-R, set up with Configure Pro 4.12 and used from the Crestron Home app 4.13.0 on Android, the environment the CPLLC Virtual Shade, built on the same Crestron Home shade model, was tested in.

Version History

Date	Version	Changes
2026-11-20	5.00	One Transition Time in place of the opening and closing times
2026-11-19	5.00	Initial release on the Crestron Home shade model, with Drape Type and Enable Stop Button

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.

CPLLC Toolkit License

A CPLLC Toolkit license is one key per processor that licenses every CPLLC toolkit product on that processor (the UI tiles and lists, virtual devices, Wildcards, Logic and the other toolkit products), entered once in the License Manager or in any one of them. See the Toolkit License page. A site license already includes it, and a Toolkit license can be upgraded to a site license on the CPLLC website for the difference.

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