Driver – Halo WiZ Pro Lights Platform IP

version 1.3.4

Driver

This release note is for the Crestron driver FridayForge_HaloWizPro.

This driver is the FridayForge platform driver for Halo WiZ Pro lights (Cooper Lighting). It controls each light over the local network, without the cloud, and presents it in Crestron Home as a light with brightness, white colour temperature and full colour, plus a tile page with colour presets and WiZ scenes.

Notes and Recommendations

Give each light a fixed (reserved) IP address in your router. In the WiZ app, set up and name your lights first, then open the home's settings and make sure **local communication** is set to allow all, so that other controllers can control the lights. If it is restricted, the lights answer but refuse commands.

Lights with a separate outer ring (two lights in one fixture) are controlled as one light: the centre and the ring always follow the same command. The WiZ local interface offers no way to control the ring on its own.

The driver searches the processor's own network automatically. A light on another network (for example an IoT VLAN) is found by typing that network under **IP Ranges to Search**, and the processor must be allowed to reach UDP port 38899 on it.

Licensing. The driver works free for 2 hours after the processor starts. To keep using it, install the FridayForge License Manager and buy a licence for this driver at forgedbyfriday.com. A licensed driver keeps working only while the License Manager is installed and running on the same processor. While the driver is locked it ignores commands from Crestron Home and each light's tile shows "Trial ended: licence needed".

System Requirements and Dependencies

- Crestron Home OS 4.x with a V2 Processor
- Halo WiZ Pro lights on a network the processor can reach, with local communication allowed in the WiZ app
- FridayForge License Manager installed on the same processor (free, from forgedbyfriday.com)

Installation/Upgrade Instructions

Installation

- Copy the .pkg file to the Crestron Home Configurator and install it (Settings > Drivers).
- Add the device in the Configurator and fill in the installer settings below.
- The Configurator discovers the devices and adds each one under Devices; assign each to its room.
- **After you install a newer version of the driver, you do not need to remove it.** If the update adds new settings, Crestron Home asks the installer to review them before the driver comes back online. If the driver needs to resync its information, Crestron Home may also ask for a processor reboot.

Installer Settings

Setting	Description
Light IP Addresses (optional)	Leave empty to find every light automatically. To add a light that is not found, type its IP address; separate several with commas.
Native Lights (0 or 1)	0 = each light appears only as a tile. 1 = each light also appears in Crestron Home as a light with brightness, white, colour and colour wheel. Default: 1.
IP Ranges to Search (optional)	Networks to search for lights besides the processor's own, for example 192.168.100.0/24 or 192.168.100.20-60, separated by commas.
Hide the Tile Pages	Tick to show only the light in Crestron Home and hide the extra tile page of each light. Scenes and presets are then not available. Needs Native Lights set to 1. Default: off.
Status Refresh (seconds)	How often the driver reads the state of each light, so Crestron Home follows the WiZ app and wall switches. Default: 10 (3–120).

Per-light settings

Per-Tile Setting	Description
Show on Room Page	Shows the tile on the room's page. Default: on.
Show on Home Page	Also show the tile on the Home page. Default: off.
Tapping the Tile Switches the Light	On: tapping the tile turns the light on or off. Off: tapping only opens the tile page. Default: on.
Tile Icon (optional)	A Crestron icon name for the tile. Leave empty for the default icons.
Tile Page Label (optional)	Text shown at the top of the tile page.

Using Driver Events in Sequences

Each light raises **Turned On**, **Turned Off**, **Went Offline** and **Came Online**, which can be used to trigger scenes. Every event also has a **Test** action that raises it on demand.

Using Driver Actions in Sequences

Each light offers actions for **Toggle Power**, **Turn On**, **Turn Off**, **Brighter**, **Dimmer**, brightness levels, white presets (Warm White to Daylight), eight colour presets and twelve WiZ scenes.

End-User Experience

What Appears in Crestron Home

Item	What it offers
Light (Native Lights on)	On/off, brightness, white colour temperature from 2200K to 6500K, hue, saturation and the colour wheel.
Tile page	Power, Brighter and Dimmer, brightness levels, white presets, colour presets and WiZ scenes, with the light's current state.

The tile status shows the light's state (for example "On · 80% · Cozy"), or Offline when the light cannot be reached. Changes made in the WiZ app or with a wall switch appear after the next status refresh.

Limitations/Known Issues

- Lights with two zones (centre and outer ring) are controlled as one light; the zones cannot be controlled separately.
- Only local control is supported: lights must be reachable on the network, and the WiZ app's local communication setting must allow it.
- Lights on another network are only found when that network is typed under IP Ranges to Search.
- Brightness cannot go below 10%, which is the lowest level the lights accept.
- The WiZ app's own scenes, schedules and rooms are not read; the driver offers its own list of scenes.

Supported Features

- Automatic discovery on the processor's own network, plus searching of other networks
- Brightness, white colour temperature and full colour with the Crestron Home colour wheel
- Colour presets and WiZ scenes on the tile page
- Option to hide the tile pages
- Events for on, off, offline and online
- Per-light tile settings

Test Environment

- Crestron Home OS 4.x
- Halo WiZ Pro light (ESP20_DHRGB_01), firmware 1.38.0

Supported Models

- Halo WiZ Pro lights (local network control)

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Version History

1.3.4 2026-11-18

Changes since Last Version

New Features

- Initial release

Licensing and Copyright Information

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