



CROMOLUX™

Dynamic Lighting Gateway

Control low voltage Lucetta CI fixtures and seamlessly integrate with the most popular control systems. The gateway contains an on-board library of calibrated profiles that take full advantage of Lucetta CI dynamic linear solutions, streamlining setup and maximizing color rendering and mixing.



CROMOLUX™ Integration Guide

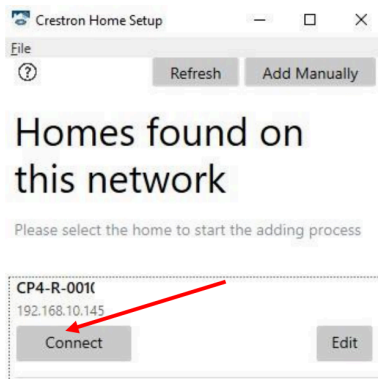


System Notes

- Each Crestron system can support up to 254 **CROMOLUX Dynamic Lighting Gateways**, each with its own IP address.
- Make sure the NOTIFY feature of the CROMOLUX gateway is set to AUTO.
- Compatible Crestron processors include: CP4-R, PC4-R, MC4-R, and DIN-AP4-R.
- Make sure the latest Crestron Home drivers have been loaded before proceeding.
- Before proceeding, ensure that all dynamic load zones have been configured in the CROMOLUX gateway. See the **CROMOLUX Setup Guide** for instructions.

SECTION 1 – Load the Crestron Home Setup

- Launch the **Crestron Home Setup** app used to set up your Crestron Home processor (dealer setup software). After it is launched, select **Refresh** to auto-discover "**Homes found on this Network**" and select "**Connect**" for applicable Home/processor.



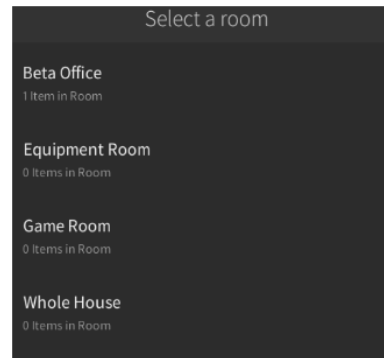
- When prompted, enter your credentials to launch the Crestron XPanel.



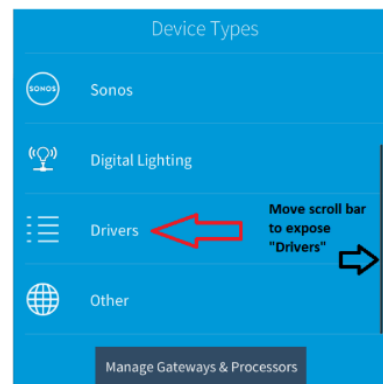
Crestron Home Setup

SECTION 2 – Add the Gateway Platform Driver

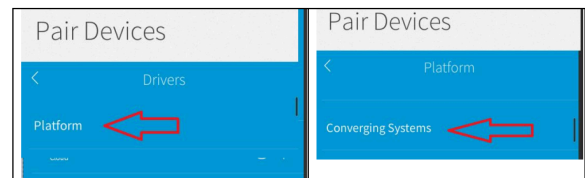
- Select the room into which the CROMOLUX platform shall be installed.



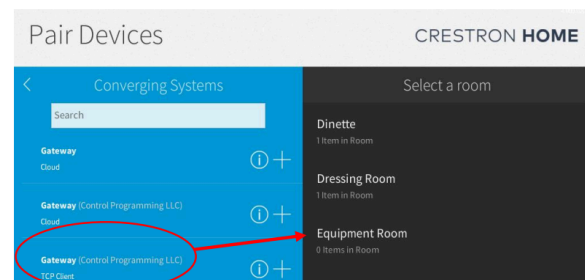
- Select the **Drivers** section under **Device Types**.



- Allow the Crestron auto-download procedure to complete, then select **Platform** from the Drivers list, then select **Converging Systems**.



- Select the "**Native/NPLD**" driver, then select the "+" on the right side of the Platform device **Gateway (Control Programming LLC) TCP Client** that you wish to locate within the desired room.





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5. Provide the name CROMOLUX for the Platform gateway and select OK to continue.

SECTION 3 – Add CROMOLUX TCP/IP Settings

Within the **Configure CROMOLUX** window enter the following information:

- a. **IP Address** – enter the IP address of the real gateway.
- b. **IP Port** – shall equal 23.
- c. **User Name** – Per the defaults of the CROMOLUX gateway configuration, **Telnet 1** shall be the typical value.
- d. **Password** – Per the defaults of the CROMOLUX gateway configuration, **Password 1** shall be the typical value.

2. When complete, select **Next** to continue.
3. If the CROMOLUX gateway has dynamic lighting zones properly configured, the Apply Configuration process should be completed within 30 seconds. If the following message appears, there are no dynamic lighting zones configured in the gateway. Zones must be configured before this step can be completed.

SECTION 4 – Add Lighting Zones

Wildcard Lights can be used to control multiple CROMOLUX dynamic lighting zones. The following instructions include steps to

include Wildcard Lights in your installation setup. These must be added before discovering any configured lighting zones.

1. Within the **Installation Settings** window, enter the Number of **Wildcard Lights** needed to control groups of zones, then select the **Next** button.

2. Verify connectivity by selecting the gear icon and confirm that Status is reading as Online in the popup. Click X to exit the window.

Status: **Online**

- a. **Note:** If Status reads as Offline, check the power and IP address and credentials. If the incorrect IP address was used, you may have to delete the Platform and start over.
3. Navigate back to the **Pair Devices** page and select **Managed Platforms** from the menu.

4. Select the most recently programmed Platform (CROMOLUX gateway). Up to 32 DMX dynamic lighting zones will auto-populate below the selected Platform device.



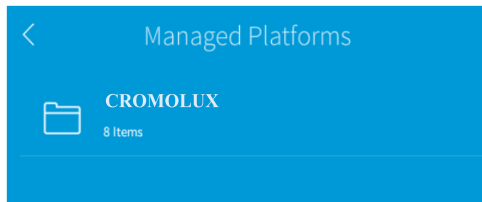
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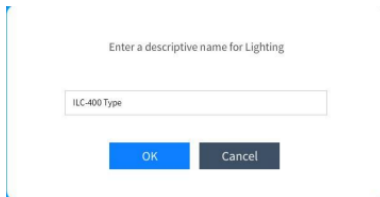
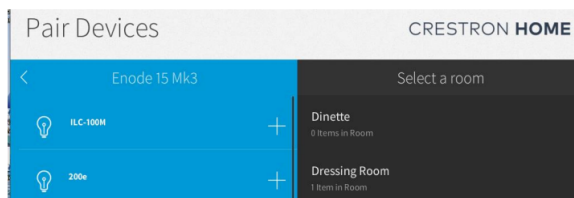
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5. To add a discovered dynamic lighting zone to a room, select the target room location from the “**Select a room**” list, then tap the “+” button to the right of the desired dynamic lighting zone. The name of the lighting zone can be modified, if needed, prior to selecting **OK** to complete the assignment. Repeat this step until all zones have been assigned to rooms.



6. For any Wildcard Lights that will be used for group control, carefully enter the **Zone, Group, and Node** value for the desired grouping. Zones can be seen as **Floors, Groups as Rooms, and Nodes as Loads**.
- a. For example, to control all loads on Floor 2, within Room 1, a Wildcard Light with ZGN address of 2.1.0 will control dynamic zones with addresses 2.1.1 + 2.1.2 + 2.1.3 etc. Using a 0 in the Wildcard address will effectively include any non-zero zone addresses in the gateway.



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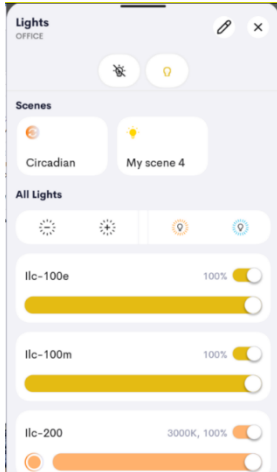


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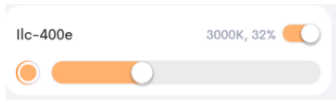


SECTION 5 – End User Experience

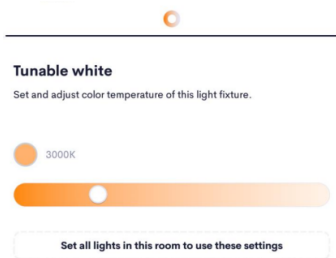
ROOM & LOAD VIEW



Each dynamic lighting load has a toggle with current brightness and CCT value displayed.



Tunable White loads include a CCT slider.



RGBW+ loads include CCT and HSB sliders.

