



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.

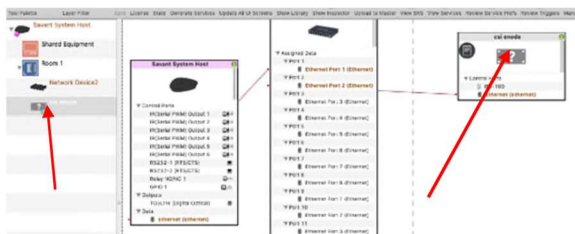


CROMOLUX™ Integration Guide

SAVANT

System Notes

- Each Savant 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.
- Integration with the CROMOLUX Gateway requires use of daVinci version 9.3 or higher. Configurations shall be made in the RacePoint Blueprint software.
- Download the [CROMOLUX Gateway Driver version V3.55](#) prior to setting up the Savant project file. The file name will appear as "convergingsystems_enode(3.55)". Load the V3.55 profile within your project.



SECTION 1 – Setup Gateway Profile

- Open **Inspector**, select **Ethernet**, and enter the CROMOLUX Gateway IP Address.
- Within **Inspector**, enter values for **Username** and **Password**. Default values should be **Telnet 1** and **Password 1** unless other values were used in the setup of the CROMOLUX Gateway.
- Within the downloaded Profile zip folder is the icon file for the CROMOLUX Gateway. Load this ICNS file as appropriate.
- Within Blueprint connect to an available IP port within the Savant system.

SECTION 2 – Configure Dynamic Zones

Each CROMOLUX dynamic lighting zone can be configured with a variety of control entities to provide user control through the Savant app. This section will outline the configuration of each dynamic lighting zone. Before continuing, ensure you have a list of all dynamic lighting zones and their Z.G.N ID per the initial setup of the CROMOLUX Gateway (see CROMOLUX Gateway Setup Guide).

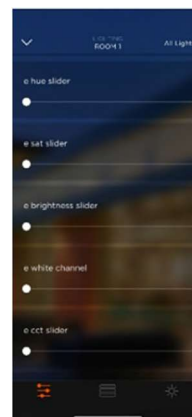
- In Blueprint, open **Tools/Settings** and select **Lighting** to open the Blueprint Data Table. In the lower left corner of the Data Table, select the + button to add a new control line.

Enabled	Identifier	Location	Entity	Label	Address [1]	Address [2]	Address [3]	Address [4]
☒	9	Cabaret	Switch	Toggle Switch	200	1	5	2

- Within the control line are the following fields to define:
 - Location** – Select the appropriate location for the dynamic lighting zone entity.
 - Entity** – Select from the following options (additional options are available but are not covered in this guide):
 - Switch** – Toggles zone on and off
 - Brightness** – Intensity control slider

- ColorTempSelect** – Static Color Temperature value
 - ColorTempSlider** – CCT control slider
 - Hue** – RGB gamut (Hue) control slider (for RGBW+ zones only)
 - Saturation** – Hue richness control slider (for RGBW+ zones only)
 - CircadianSlider** – Toggles use of the CROMOLUX circadian CCT emulation feature
- Label** – This value will display on the user interface button. *Recommended labels include Intensity or Brightness, CCT or Color Temperature, Hue, and Saturation.*
 - Address 1** – The first digit of the zone's ID (#.#.#)
 - Address 2** – The second digit of the zone's ID (#.#.#)
 - Address 3** – The third digit of the zone's ID (#.#.#)
 - Address 4** – This field is only applicable to certain entities:
 - Switch** – Values 1/2/3/4 refer to fade time settings defined in the CROMOLUX Gateway.
 - ColorTempSelect** – Valid numeric whole number CCT value (must be between 1700 and 7700). If the value is outside of the dynamic lighting zone's range, the zone will output its min or max accordingly.
- To add a global control entity for a room, floor, or project, use a **0** value in Address fields 1/2/3 accordingly. For CCT-related entities, a CCT slider will only work if all dynamic zones related to that slider share the exact same CCT range.
 - Room control = **#.#.0**
 - Floor control = **#.0.0**
 - Project control = **0.0.0**
 - Savant App user interface pages may look like the following for sliders and buttons.

Sliders



Buttons

