TechNotes

Elan User Interface v 8.6 and later

Recommendations for Color (HSV) and Color Temperature (CCT) Control

Background/Feature Set

When used with Converging Systems LED control technology, it is very simple for the Elan installer to enable full control for color (in the **H**ue/**S**aturation **B**rightness), Color Temperature (CCT), and brightness (for devices without CCT or color) with just a handful of useful Elan UI controls. This Tech Note identifies those controls that are recommended. Given the extreme flexibility of Elan UI controls, alternative implementations are certainly possible, but this Tech Note provide a great set of recommendations for common installation examples that work.

For convenience, a sample ECV custom page is available on the CSI website to import into your Elan project. Snippets of that generic ECS custom page are extracted below related to the type of control utilized. Just choose the applicable controls from our universal custom page and simply delete the unused controls.
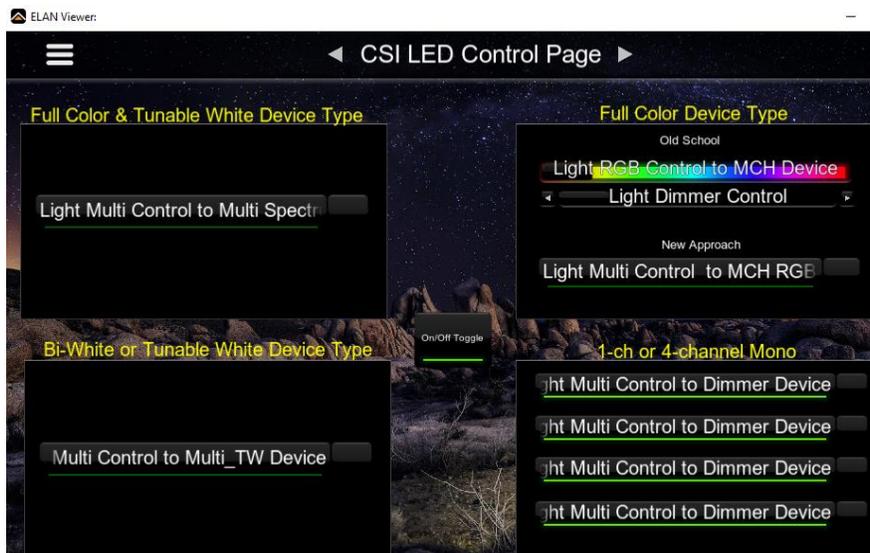
With this ECV custom page, the following Converging Systems controller types are supported:

Type	-ILC-xxx fixture type, or -e-Node/dmx Fixture Types	Channels min	Full Color Control	CCT control	Only Mono. control
1	-ILC 400/450, or -e-Node/"DMX-Multi-Channel"	4	✓	✓	
2	-ILC-300, or -e-Node/"DMX-TRICOLOR"	3	✓		
3	-ILC-400 in bi-white mode/ILC-200, or -e-Node/"DMX-DUAL"	2		✓	
4	ILC-100m/ILC-400 in multi-mode -e-Node/"DMX-SINGLE"	1			✓

Control Types

| Type	Initial UI	Popup
1		
2	**Note: former LIGHT RGB & Light Dimmer Control are shown for completeness but generally both here have been replaced with Multi Control (for RGB control does not control Saturation and a single popup saves time)**	
3		
4		
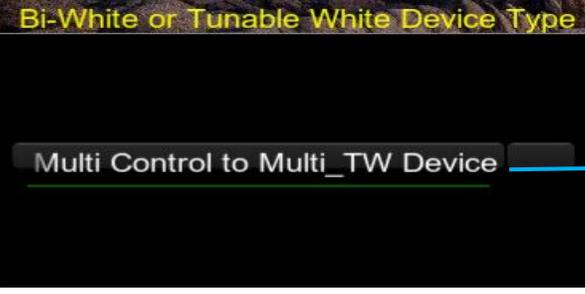
Directions to Create Control

The good news here is that just one control (Light Multi Control) can be used to handle of the UI requirements shown on the previous page. This makes layout quick and easy. Just follow these directions in order to quickly create your own UI.

Step 1: Add an **Elan Multi Control** object to your custom page first.
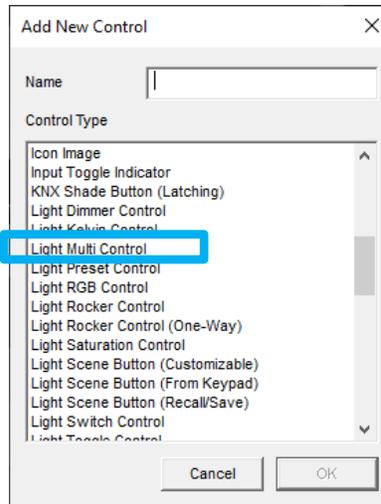
then

Step 2: **Connect To ...** the applicable CSI Device type (see table below Column 3 for exact connection object).
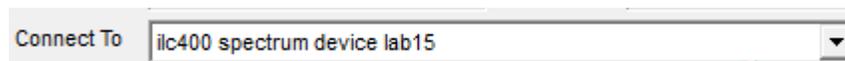
	Column 1 Elan Object for **color** and/or **CCT** control	Column 2 Elan Object for **brightness** control	Column 3 Connect To ...
Type 1	"Light Control Multi"	Built-in to Light Control Multi no further action here required	**(CSI)_MULTI_Spectrum** device
Type 2	"Light Control Multi"	Built-in to Light Control Multi no further action here required	**(CSI)_ MCH_RGB** Device
Type 3	"Light Control Multi"	Built-in to Light Control Multi no further action here required	**(CSI)_ MULTI_TW** Device
Type 4	"Light Control Multi"	"Light Dimmer Control" ("**A**")	**(CSI)_BRIGHTNESS** Device