

**SIMPLWINDOWS NAME:** CentraLite Elegance Load Control with Feedback

**CATEGORY:** Lighting

**VERSION:** 1.0

**SUMMARY:** Controls all 192 loads and provides true feedback

**GENERAL NOTES:** This module will control all 192 loads of a CentraLite Elegance lighting system. On/Off/Toggle controls are provided. After any command is sent, the system will be automatically polled for status, so the feedback provided by this module is true. In addition, if you place a "1" on the POLL\_ENABLE input, the lighting system will be polled every two seconds for status. So if the state of a load changes as a result of using a CentraLite keypad, or as a result of selecting a scene, the correct status will be reflected at the output of this module.

**CRESTRON HARDWARE REQUIRED:** CNXCOM, ST-COM

**SETUP OF CRESTRON HARDWARE:** Baud Rate - 19200  
Parity - None  
Data Bits - 8  
Stop Bits - 1

**VENDOR FIRMWARE:** Elite v1.7

**VENDOR SETUP:** Use connector RS232-2 or RS232-3 on the main CentraLite circuit board. The baud rate of RS232-2 is controlled by dip switch 3. Off = 19,200, On = 9600. The baud rate of RS232-3 is controlled by dip switch 4. Off = 19,200, On = 9600. The system was tested at Crestron at 19.200 baud.

**CABLE NUMBER:** T.B.D.

**CABLE WIRING:**

Crestron		CentraLite
9 pin D		10 pin Ribbon Connector
2	to	2
3	to	3
5	to	5

**CONTROL:**

**LOAD\*\_ON** D Pulse to turn the appropriate load on

**LOAD\*\_OFF** D Pulse to turn the appropriate load off

**LOAD\*\_TOGGLE** D Pulse to toggle the state of the appropriate load

**FROM\_DEVICE\$** S Serial data signal to be routed from a 2-way RS232 port

**FEEDBACK:**

**LOAD\*\_ON\_FB** D True feedback indicating the appropriate zone is on

**LOAD\*\_OFF\_FB** D True feedback indicating the appropriate zone is off

**TO\_DEVICE\$** S Serial signal to be routed to a 2-way RS232 port

**OPS USED FOR TESTING:** 5.12.26x.upz

**COMPILER USED FOR TESTING:** SimplWindows Version 1.52.01

**SAMPLE PROGRAM:** CentraLite Elegance Demo Program

**REVISION HISTORY:** None