Partner: Selux
Model: White LED
Device Type: Lighting

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Selux Dali White LED Lighting Constant Intensity Control v1.0
CATEGORY:	Lighting
VERSION:	1.0
SUMMARY:	This module will provide control of the warm and cool intensity of Selux Dali White LED lighting to maintain a constant intensity.
GENERAL NOTES:	This module will take in a color temperature and an intensity value. It will calculate warm intensity and cool intensity to be sent to the Dali ballasts. This will allow the intensity to stay the same while changing the color temperature. Valid range for the color temperature is 2700 to 6500. This module is for use in 3-series and higher processors only.
CRESTRON HARDWARE REQUIRED:	DIN-DALI-2
SETUP OF CRESTRON HARDWARE:	N/A
VENDOR FIRMWARE:	Unknown
VENDOR SETUP:	You must be sure to have the Selux Dali ballast configured with a linear dimming curve, NOT a logarithmic dimming curve.
CABLE DIAGRAM:	Ethernet

CONTROL:

Intensity	A	Analog input for the desired lighting intensity. Valid range is 0% to 100%.
colorTemp	A	Analog input for the desired color temperature. Valid range is 2700 to 6500.

FEEDBACK:

warmIntensity	A	Analog value for the warm intensity. To be routed to the DIN-DALI-2 Ballast_*_Level_In input for the first ballast in the Selux Dali fixture to be controlled.
coolIntensity	A	Analog value for the cool intensity. To be routed to the DIN-DALI-2 Ballast_*_Level_In input for the second ballast in the Selux Dali fixture to be controlled.

TESTING:

OPS USED FOR TESTING:	1.501.0013
SIMPL WINDOWS USED FOR TESTING:	4.03.24
DEVICE DB USED FOR TESTING:	76.00.002.00
CRES DB USED FOR TESTING:	57.00.003.00
SYMBOL LIBRARY USED FOR TESTING:	998
SAMPLE PROGRAM:	Selux Dali White LED Lighting Constant Intensity Control v1.0 Demo
REVISION HISTORY:	v1.0 – Initial Release

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