Partner: Lutron
Model: MyRoom XC
Device Type: Lighting

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GENERAL INFORMATION

SIMPLWINDOWS NAME:	Lutron MyRoom XC Dimmer Zone Control v1.0
CATEGORY:	Lighting
VERSION:	1.0
SUMMARY:	This module provides monitor and control capability for a Dimmer Zone component as part of a Lutron MyRoom XC solution.
GENERAL NOTES:	This module interacts with a single Dimmer Zone component, if multiple Dimmer Zone components need to be managed, one module can be added for each component in the solution. This module requires one instance of the Lutron MyRoom XC Command Processor module to register with.
CRESTRON HARDWARE REQUIRED:	Crestron 4-Series processor
SETUP OF CRESTRON HARDWARE:	N/A
VENDOR FIRMWARE:	24.02.17f000
VENDOR SETUP:	Lutron MyRoom XC Processor

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PARAMETER:

Command_Processor_ID	Setting indicates the identifier of the Command Processor module this module registers with. A single program can contain multiple zone modules where multiple Lutron processors are involved.
Fade_Time	Setting indicates the time interval in seconds for lighting to adjust to a new level. Range is 0 to 14400.
Zone_Href_ID	Setting indicates the reference identifier for the zone this zone control belongs to. Example: for zone href: /Zone/1399, enter the value 1399 in the parameter field.

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CONTROL:

DimLevel_On	D	Pulse to set the level to 100%.
DimLevel_Off	D	Pulse to set the level to 0%.
DimLevel_Raise	D	Pulse to incrementally increase the lighting brightness level or latch high to continuously increase the lighting brightness level until the signal is latched low or the maximum brightness is reached.
DimLevel_Lower	D	Pulse to incrementally decrease the lighting brightness level or latch high to continuously decrease the lighting brightness level until the signal is latched low or the minimum brightness is reached.
Set_DimLevel	D	Pulse to set the discrete value of the brightness specified by the Dim_Level analog input signal. *For slider operations, use a press join or sos to drive this signal high. When this is high, the corresponding analog value will be sent automatically on change. Using a '1' on a 'set' signal is discouraged and will have negative effect.*
Dim_Level	A	Integer value specifies the dim level to set as a percentage. Range is 0 to 65535.
FadeTime	A	Integer value specifies the fade time in seconds. Range is 0 to 14400.

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FEEDBACK:

Is_Initialized	D	High indicates the module is initialized. The module is initialized when all component state information has been updated in the module to reflect current component state.
DimLevel_On_Fb	D	High indicates the dim level is greater than 0.
DimLevel_Off_Fb	D	High indicates the dim level is 0.
DimLevel_Fb	A	Integer value indicates the current dim level as a percentage from 0 to 65535.
FadeTime_Fb	A	Integer value indicates the current fade time in seconds. Range is 0 to 14400.

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TESTING:

OPS USED FOR TESTING:	CP4 2.8003.00056
SIMPL WINDOWS USED FOR TESTING:	4.30
CRES DB USED FOR TESTING:	225.05
DEVICE DATABASE:	200.350
SYMBOL LIBRARY USED FOR TESTING:	1205
SAMPLE PROGRAM:	Lutron MyRoom XC v1.0 Demo IP.smw
REVISION HISTORY:	v1.0 – Initial Release