

Partner: Lutron
Model: RadioRA 3
Device Type: Lighting



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Lutron RadioRA 3 Area Control v1.0
CATEGORY:	Lighting
VERSION:	1.0
SUMMARY:	This module provides monitor and control capability for a Area control component as part of a Lutron RadioRA 3 solution.
GENERAL NOTES:	This module interacts with a single Area Control component, if multiple Area components need to be managed, one module can be added for each component in the solution. This module requires one instance of the Lutron RadioRA 3 Command Processor module to register with.
CRESTRON HARDWARE REQUIRED:	Crestron 3-Series processor. Crestron 4-Series processor (Firmware Version 2.5000 or later).
SETUP OF CRESTRON HARDWARE:	Crestron CP3 Crestron MC4
VENDOR FIRMWARE:	21.02.08f000
VENDOR SETUP:	Lutron RadioRA 3 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.
Area_Href_ID	Setting indicates the reference identifier for the Area this area control belongs to. Example: for area href: /Area/1399, enter the value 1399 in the parameter field.

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**CONTROL:**

Set_DimLevel	D	Pulse to set the discrete value of the brightness specified by the Dim_Level analog input signal. <i>For slider operations, use a press join 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.</i>
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.
Room_Is_Occupied	D	High indicates the room is occupied.
Room_Is_Vacant	D	High indicates the room is vacant.
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:	CP3 1.8000.0014 MC4 2.5001.00006
SIMPL WINDOWS USED FOR TESTING:	4.17
CRES DB USED FOR TESTING:	206.0500.004.00
DEVICE DATABASE:	200.9500.001.00
SYMBOL LIBRARY USED FOR TESTING:	1144
SAMPLE PROGRAM:	Lutron RadioRA 3 v1.0 Demo IP.smw
REVISION HISTORY:	v1.0 – Initial Release