

Z-Wave Configuration Capabilities

Parameter Number	Parameter Size	Parameter Name	Parameter Description	Parameter Values		Button Press Required?	Simple Button Press method	Advanced Menu Mode Method	Choose Parameter	Adjust Parameter setting	Save Parameter Setting	Further Explanation
3	1	LED Light Mode	Set the LED Light Mode	0 (Default)	LED ON when load is OFF, LED is OFF when load is ON	YES	N/A	Press and hold menu button for 5 seconds	Press 3 up and 1 down to begin Cycling between options.	=> The Indicator light will begin to flash Blue; Press top paddle 1s for "LED ON when load is OFF, LED OFF when load is ON", the LED indicator will light up in Orange color. Press top paddle 2s for "LED ON when load is ON, LED OFF when load is OFF", the LED indicator will light up in Yellow color. Press top paddle 3s for "LED always OFF", the LED indicator will light up in Pink color. Press top paddle 4s for "LED always ON", the LED indicator will light up in Purple color.	Press Menu button once Successful : => LED light flashes Green Twice to Confirm, and exit the menu Unsuccessful : Timeout interval for no any paddle switch press Time : 10 seconds LED Indication Light flashes RED Twice to exit menu	This parameter changes the Indicator light (located at the bottom of the paddle, or behind the toggle) between the 4 options (This line is only for the Paddle Dimmers)
				1	LED ON when load is ON, LED is OFF when load is OFF							
				2	LED always OFF							
				3	LED always ON							
4	1	Invert Switch	Reverse the default ON/OFF Paddle switch setting	0 (Default)	Default Paddle Switch orientation	NO	N/A	N/A	N/A	N/A	N/A	In case the user installs the dimmer upside down, this will invert the up and down function. If this invert switch is enabled, all setup keys will subject to change and according to the new inverter switch definition.
				1	Invert (up side down) the Paddle Switch orientation							
5	1	Select 3-Way Type	Configure between standard 3-Way Switch or Add-On Switch is being used	0 (Default)	Add-On Switch	YES	N/A	See "adjust parameter setting" for full advanced procedure	N/A	Pull the Airgap switch. Press and hold the top button switch, push the airgap switch in and continue holding the top button switch for 5 seconds to cycle between the two options. The LED will flash yellow three times to confirm Standard 3-Way is selected. The LED will flash blue three times to confirm Add-On Switch is selected.	N/A	Devices will be operable with a standard 3-Way switch or an Add-On Switch. The consumer will have to select between the two configurable options for their setup process.
				1	Standard 3-Way Switch							
16	1	Switch Mode	Set control mode: 0 Dim mode ; 1 Switch mode	0 (Default)	Disable (Regulator, Dim Mode)	YES	N/A	Press and hold menu button for 5 seconds	Press 5 up and 1 down to begin Cycling between options.	N/A	Successful : => LED light flashes Green Twice to Confirm, and exit the menu	When Switch mode is enabled, manually the light will only work 0-100%. Press and hold will not dim or brighten. Any Z-Wave levels set 1-99% will be mapped to 100%. Transition should be instant, there should be no ramping, 100% should be dependent on parameter 31
				1	Enable (Switch Mode)							
19	1	Alternate Exclusion	Alternative way to perform Exclusion	0 (Default)	Default Press Single Paddle switch (up or down paddle switch) once	NO	N/A	N/A	N/A	N/A	N/A	This parameter changes how the On/Off Switch will send the NIF so it can be excluded from the network (This is for both Paddle and Toggle On/Off Switches)
				1	Press Menu button once							
30	1	Minimum Dim Threshold	Minimum Dim Threshold	1 (Default)	1-99 *Regardless lowest number is the minimum dim level	YES	N/A	Press and hold menu button for 5 seconds	Press 6 up and 1 down to begin Cycling between options.	=> The connected light will turn to the lowest current set level and LED indicator light will flash yellow Press and hold the top or bottom paddle switch to set the minimum dim level. => Press up paddle switch once will increase one level. E.g. current level 23 -> new level 24 => Press and hold up paddle switch will increase the level continuously with 500ms interval between level-to-level.	Press Menu button once Successful : => LED light flashes Green Twice to Confirm, and exit the menu Unsuccessful : Timeout interval for no any paddle switch press Time : 10 seconds LED Indication Light flashes RED Twice to exit menu	For troublesome LED bulbs that flicker at a low level - move up the minimum dim level that the dimmer will start at.
31	1	Maximum Brightness Threshold	Maximum Brightness Threshold	99 (Default)	1-99 *Regardless highest number is the maximum bright level	YES	N/A	Press and hold menu button for 5 seconds	Press 7 up and 1 down to begin Cycling between options.	=> The connected light will turn to the lowest current set level and LED indicator light will flash purple Press and hold the top or bottom paddle switch to set the maximum brightness level. => Press bottom paddle switch once will decrease one level. E.g. current level 84 -> new level 83 => Press and hold bottom paddle switch will decrease the level continuously with 500ms interval between level-to-level.	Press Menu button once Successful : => LED light flashes Green Twice to Confirm, and exit the menu Unsuccessful : Timeout interval for no any paddle switch press Time : 10 seconds LED Indication Light flashes RED Twice to exit menu	For troublesome LED bulbs that flicker at a high level - move down the maximum brightness level that the dimmer will end at.
32	1	Brightness Level	Dimmer will turn ON to this level	0 (Default)	Normal behavior to return to last known brightness level	NO	N/A	N/A	N/A	N/A	N/A	Dimmer will always turn on to this level when being turned on manually
				1-99	Dimmer will always turn ON to this level when being turned ON manually							
34	1	LED Light Color	Set the LED Light Color	1	RED	YES	N/A	Press and hold menu button for 5 seconds	Press 1 up and 1 down to cycle between options.	=> The Light will turn the current set color: Press top and bottom paddle switch to cycle between options. (up moves forward through the options, down moves back through the options in reverse order) The LED indicator light color will be same as what we current choosed.	Press Menu button once Successful : => Save the setting => LED light flashes Green Twice to Confirm, and exit the menu Unsuccessful : Timeout interval for no any key press => Time : 10 seconds => Unsave the setting => LED Indication Light flashes RED Twice, and exit the menu	The Switch will contain a multi-color LED and we want to be able to adjust it between these colors
				2	ORANGE							
				3	YELLOW							
				4	GREEN							
				5 (Default)	BLUE							
				6	PINK							
				7	PURPLE							
				8	WHITE							
35	1	LED Light Intensity	Set the LED Light Intensity	4 - Medium Brightness	1 - Lowest to 7-Highest	YES	N/A	Press and hold menu button for 5 seconds	Press 2 up and 1 down to cycle between options.	=> The Light will turn the current set intensity: Press top and bottom paddle switch to cycle between options. (up moves brighter, down moves dimmer) The LED indicator light color should be same as parameter 34. The LED indicator light brightness should be same as what we current choosed.	Press Menu button once Successful : => Save the setting => LED light flashes Green Twice to Confirm, and exit the menu Unsuccessful : Timeout interval for no any key press => Time : 10 seconds => Unsave the setting => LED Indication Light flashes RED Twice, and exit the menu	This parameter allows the user to change how bright the LED indicator light is
				4 - Medium Brightness	1 - Lowest to 7-Highest							
36	1	Guidelight Mode Intensity	Set the Guidelight Mode Intensity	4 - Medium Brightness	1 - Lowest to 7-Highest	YES	N/A	Press and hold menu button for 5 seconds	Press 4 up and 1 down to cycle between options.	=> The Light will turn the current set intensity: Press top and bottom paddle switch to cycle between options. (up moves brighter, down moves dimmer) The LED indicator light color should be same as parameter 34. The LED indicator light brightness should be same as what we current choosed.	Press Menu button once Successful : => Save the setting => LED light flashes Green Twice to Confirm, and exit the menu Unsuccessful : Timeout interval for no any key press => Time : 10 seconds => Unsave the setting => LED Indication Light flashes RED Twice, and exit the menu	This parameter allows the user to change how bright the LED indicator light is when Parameter 3 is set to 0 (Guidelight Setting)
				4 - Medium Brightness	1 - Lowest to 7-Highest							
84	1	Reset Factory Default	Reset Switch to Factory Defaults	0 (Default)	No specific behavior	No	N/A	N/A	N/A	N/A	N/A	This parameter will cause the dimmer to reset to factory defaults without touching the switch. Once set to 1, the Switch should reset to factory defaults which will reverse this parameter back to 0. The switch should perform all normal actions when it is factory reset.
				1	Reset to factory defaults							

Z-Wave Command Class :

Z-Wave Command Class	Version	Controlled	Supported
COMMAND_CLASS_ZWAVEPLUS_INFO	2	NO	YES
COMMAND_CLASS_APPLICATION_STATUS	1	NO	YES
COMMAND_CLASS_ASSOCIATION	2	NO	YES
COMMAND_CLASS_ASSOCIATION_GRP_INFO	3	NO	YES
COMMAND_CLASS_MULTI-CHANNEL_ASSOCIATION	3	NO	YES
COMMAND_CLASS_MANUFACTURER_SPECIFIC	2	NO	YES
COMMAND_CLASS_POWERLEVEL	1	NO	YES
COMMAND_CLASS_CONFIGURATION	4	NO	YES
COMMAND_CLASS_FIRMWARE_UPDATE_META_DATA	5	NO	YES
COMMAND_CLASS_INDICATOR	3	NO	YES
COMMAND_CLASS_VERSION	3	NO	YES
COMMAND_CLASS_BASIC	2	YES	YES
COMMAND_CLASS_SWITCH_MULTILEVEL	4	NO	YES
COMMAND_CLASS_SECURITY2	1	NO	YES
COMMAND_CLASS_CENTRAL_SCENE	3	NO	YES
COMMAND_CLASS_SUPERVISION	1	NO	YES
COMMAND_CLASS_TRANSPORT_SERVICE	2	NO	YES
COMMAND_CLASS_DEVICE_RESET_LOCALLY	1	NO	YES