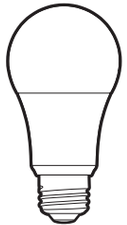
LED Bulb 6: Multi-White

ZWA001-A / ZWA001-C



Used in this guide.

Important safety information.

Please read this and the online guide(s) at http://support.aeotec.com/ledbulb6 carefully. Failure to follow the recommendations set forth by Aeotec Limited may be dangerous or cause a violation of the law. The manufacturer, importer, distributor, and / or reseller will not be held responsible for any loss or damage resulting from not following any instructions in this guide or in other materials.

LED Bulb 6 can be used in dry locations only. Do not use in damp, moist, and / or wet locations.

Quick start.

The following will step you through installing LED Bulb 6 and connecting it to your Z-Wave network.

1. Select a socket for LED Bulb 6.
2. Turn off the corresponding light switch or power circuit if no switch is available.
3. If present, remove the socket's existing light bulb.
4. Insert LED Bulb 6 into the chosen socket.
5. Set your Z-Wave gateway into its 'add device' mode in order to connect LED Bulb 6 to your Z-Wave system. Refer to the gateway's manual if you are unsure of how to perform this step.
6. Turn on the wall switch or the power circuit. LED Bulb 6 blinks twice to indicate that it has entered pairing mode. After a short period of time, it will blink once to confirm it successfully joined your Z-Wave network. Should LED Bulb 6 not blink, it indicates it was unable to join your Z-Wave network; repeat the above steps and please refer to our digital user manual or contact us for further support if needed.

LED Bulb 6 is now a part of your Z-Wave home control system. LED Bulb 6 will send its status to the lifeline group when the state of the LED Bulb is changed. You can configure it and its automations via your Z-Wave system; please refer to your software's user guide for precise instructions. If your gateway incorrectly identifies LED Bulb 6 as a different product, please refer to our digital user manual and / or contact us or your gateway maker for further assistance.

LED Bulb 6 will be controllable via Z-Wave. To ensure that it remains part of your network and controllable, please leave any connected light switch in the on position. Cutting power to LED Bulb 6 will disable its operation.

Resetting

Please use this procedure only when the network primary controller is missing or otherwise inoperable: Led bulb re-power 6 times (between 0.5-2 seconds each time); If the 6th power on, the led bulb flashes twice, which means that the resetting is successful.

Get help & learn more.

Should you encounter any problem with LED Bulb 6, visit http://support.aeotec.com/ledbulb6 or contact our support team via aeotec.com/contact. You can also learn more about LED Bulb 6 features, configuration options, and technical specifications at the link.

Gateway compatibility.

To see if this device is known to be compatible with your Z-Wave gateway, please refer to aeotec.com/z-wave-gateways

Declaration of Conformity.
Aeotec Limited declares that LED Bulb 6 is in compliance with the essential requirements and other relevant provisions of RED 2014/53/EU, RoHS 2011/65/EU, IEC62321:2008, EN50581:2012 and EU Regulation 874/2012. The full text of the declaration is available from support.aeotec.com/ledbulb6/doc

Maximum RF output power:2.05mW; frequency range:868.0-868.6MHz.

RF Exposure Statement.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

Specifications.
Z-Wave devices operate between 868.40-869.85 MHz for EU, 908.40-916.00 MHz for US. Full information on device specifications and certifications at support.aeotec.com/ledbulb6/specs

California Proposition 65.
WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. Use only for intended purposes, Do not use for other purposes including, but not limited to, the consumption of food and drinks.

3. All functions of each trigger

LED Bulb is not in the Z-Wave network:

Trigger	Description
OFF→ON	**Add for inclusion:** **a)** Set the Z-Wave network main controller into adding mode. **b)** Power cycle once for led bulb(OFF:~ON).The led bulb will flash twice and send node info frame. **c)** Wait a moment, the led bulb should be added to the controller.Then the led bulb will flash once when it has been included into the network.

LED Bulb is in the Z-Wave network:

Trigger	Description
OFF→ON→ OFF→ON→ OFF→ON	**Remove for exclusion**: **a)** Set the Z-Wave network main controller into removing mode. **b)** Led bulb re-power 3 times (between 0.5-2 seconds each time). **c)** Wait a moment, the led bulb should be removed from the controller.Then the led bulb will flash once, dim to 5% first, and then increased to 100% after 5 seconds.
OFF→ON→ OFF→ON→ OFF→ON→ OFF→ON→ OFF→ON→ OFF→ON	**Reset the device :** a) Please use this procedure only when the network primary controller is missing or otherwise inoperable. b) Led bulb re-power 6 times (between 0.5-2 seconds each time); If the 6th power on, the led bulb flashes twice, which means that the resetting is successful.

Association Command Class

The Led Bulb supports only one association group.

Grouping Identifier	Max Nodes	Send Commands
Group 1	0x01	LED Bulb will send its status to the lifeline group when the state of the LED Bulb is changed. 1). Set Configuration parameter 0x50 to 0: nothing 2). Set Configuration parameter 0x50 to 1: Sending Basic Report

Association Group Info Command

A) Association Group Name Command Report

Team No.	Value
1 St	The ASSIC of Lifeline: 4C 69 66 65 6C 69 6E 65

B) Association Group Info Command Report

Parameter	Team No.	Value
Profile	1 St	General: Lifeline, Profile MSB=0x00,Profile LSB=0x01

C) Association Group Command List Command Report

Team No.	Command List Support	
1 St	COMMAND_CLASS_BASIC(0x20)	BASIC_REPORT (0x03)
	COMMAND_CLASS_DEVICE_RESET_LOCALLY(0x5A)	DEVICE_RESET_LOCALLY_NOTIFICATION (0x01)

Switch Color Set Command Class

Capability ID	Color
0	Warm White
1	Cold White

Note: Only the warm white is configured as 0, cool white can be activated.

Configuration Set Command Class

Parameter Number	Description Size	Default Value	Size
0x50	Enable to send notifications to associated devices (Group 1) when the state of LED Bulb is changed. 0 = Nothing. 1= Basic CC report.	0x01	0x01
0x51	Adjusting the color temperature in warm white color component. available value: 0x0A8C-1387 Warm White(0x0A8C(2700k) – 0x1387 (4999k))	0x0A8C	0x02
0x52	Adjusting the color temperature in cold white color component. available value:0x1388-0x1964 Cold White (0x1388 (5000k) – 0x1964 (6500k))	0x1964	0x02

FCC ID: 2AOGIZWA001
CONFORMS TO UL STD,1993

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