

## Z-Wave Protocol Implementation Conformance Statement

### Nano Dimmer

#### General Information

<b>Product Identifier:</b>	ZW111-C
<b>Brand Name:</b>	Aeotec
<b>Product Version:</b>	HW: 111 FW: 1.01:01.01
<b>Z-Wave Certification #:</b>	ZC10-17015388

#### Product Features

<b>Electric Load Type</b>	Dimmable LED ELV (Electronic) Fluorescent Incandescent Inductive (e.g. Motor) LED
<b>Firmware Updatable</b>	Updatable by Consumer by RF
<b>Neutral Wire Required</b>	No
<b>Supported Meter Type</b>	Electric Energy
<b>Switch Type</b>	Toggle
<b>Z-Wave Scene Type</b>	Scene

#### Z-Wave Product Information

Supports Z-Wave Beaming Technology?	Yes
Supports Z-Wave Network Security?	Yes
Supports Z-Wave AES-128 Security S0?	Yes
Supports Security S2?	No
SmartStart Compatible?	No

# Z-Wave Protocol Implementation Conformance Statement

(Continued)

## Nano Dimmer

### Z-Wave Technical Information

<b>Z-Wave Frequency:</b>	CEPT (Europe)
<b>Z-Wave Product ID:</b>	0x006F
<b>Z-Wave Product Type:</b>	0x0003
<b>Z-Wave Hardware Platform:</b>	ZM5101
<b>Z-Wave Development Kit Version:</b>	6.51.09
<b>Z-Wave Library Type:</b>	Enhanced 232 Slave
<b>Z-Wave Device Type / Role Type:</b>	Light Dimmer Switch / Always On Slave

### Association Group Information

#### Group # / Max Description

##### Nodes

1 / 5	Z-Wave Plus Lifeline. When the load state of Nano Dimmer (on/off/dim the load ) is changed, the Hail CC, Switch Multilevel Report and Basic Report (configured by parameter 80) can be sent to the associated nodes in this group.
2 / 5	Forward the Basic Set, Switch Binary Set, Switch Multilevel Start Level Change, Switch Multilevel Stop Level Change, Switch Multilevel Set, Switch all to the associated nodes in Group 2 when the Nano Dimmer receives the Basic Set, Switch Binary Set, Switch Multilevel Start Level Change, Switch Multilevel Stop Level Change, Switch Multilevel Set, Switch all commands from main controller.
3 / 5	Send Basic Set (configured by parameter 0x51 ) to the associated nodes in Group 3 when the external switch S1 is operated
4 / 5	Send Basic Set (configured by parameter 0x52) to the associated nodes in Group 4 when the external switch S2 is operated

#### Supported Command Classes (19):

Association Group Info	Association V2
Basic	Clock
Configuration	Device Reset Locally
Firmware Update Meta-Data V3	Manufacturer Specific V2
Meter V3	Notification V4
Powerlevel	Scene Activation
Scene Actuator Conf	Security S0
Switch All	Switch Binary
Switch Multilevel V3	Version V2
Z-Wave Plus Info V2	

#### Controlled Command Classes (2):

Basic	Hail
-------	------