User Manual

KUMHO LED Room Lighting user Guide
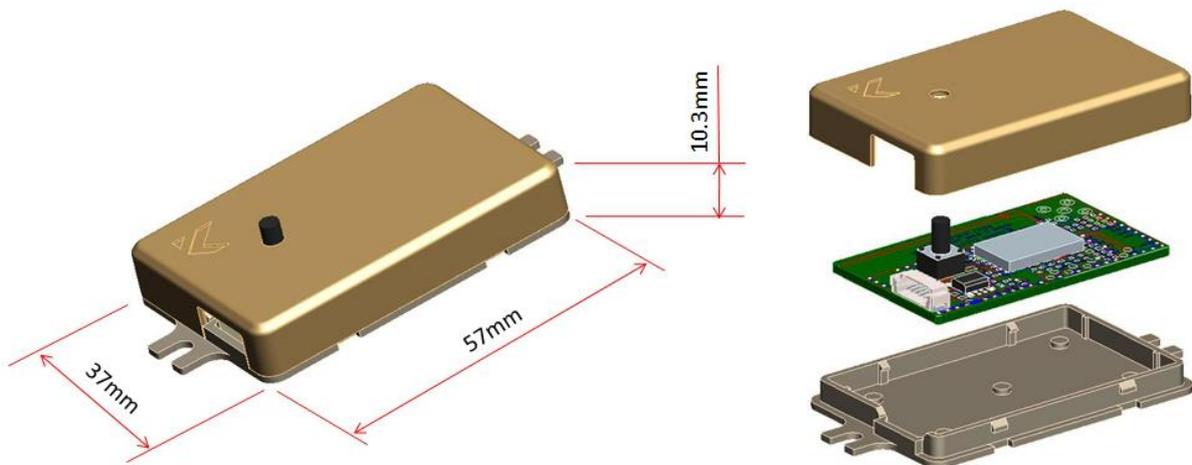
KHEZ-0001

Ver.1.0
2015-12-19
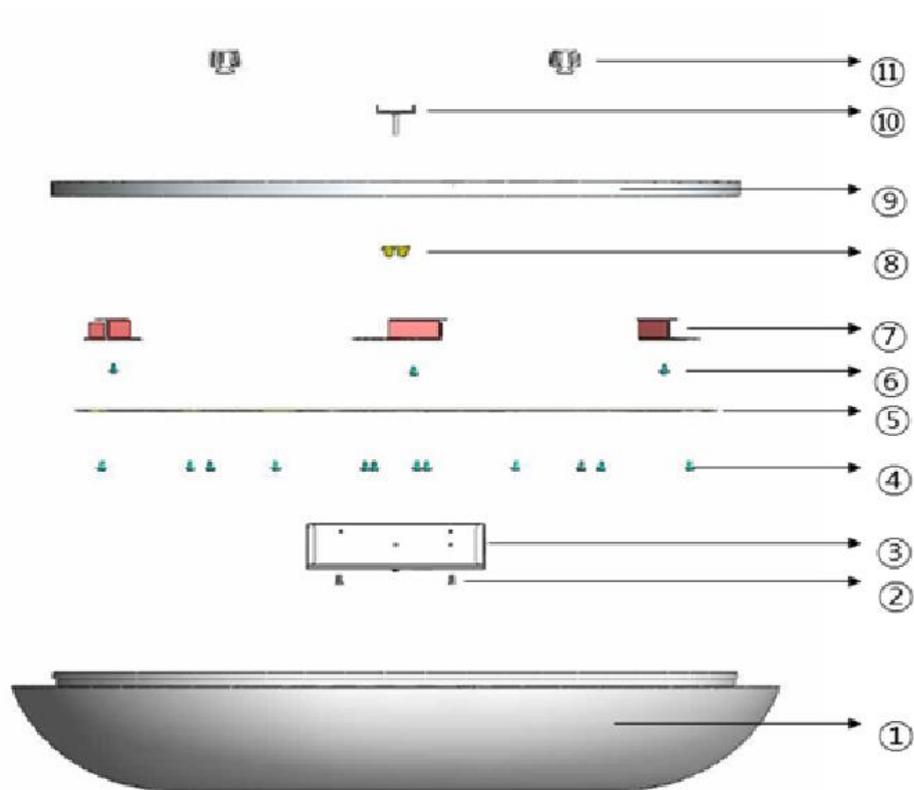
product Description

- ➢ Dimming and temperature controlled LED Light

- ➢ Interoperable with other Z-Wave devices

- ➢ Supports 99 Dimming levels

- ➢ Supports Warm white and Cool white colors.

Device Image

- The figure above shows the coupling with Z-wave module actual measurement appearance size.
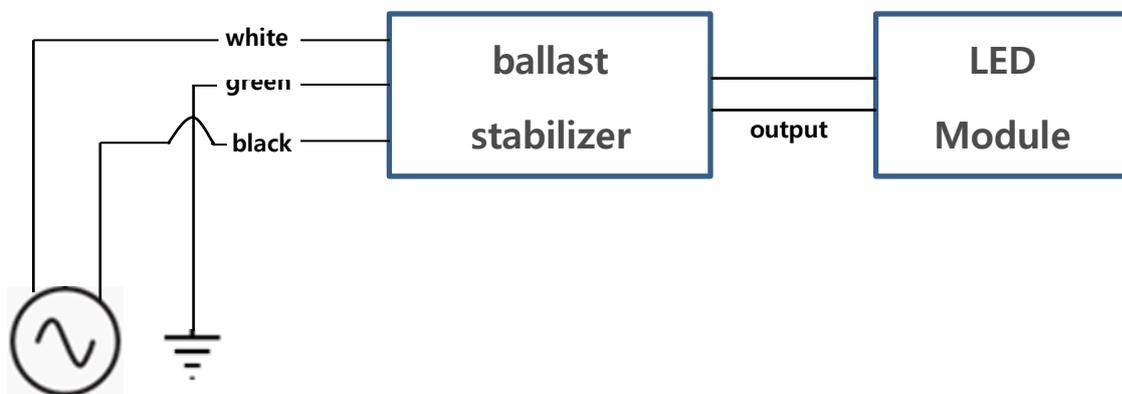
Product Exploded View

- In No. 3 of the picture above is located to Z-Wave module.

- Each number has the following component name.

① COVER	② SCREW
③ CONVERTER + Z-WAVE MODULE	④ SCREW
⑤ LED MODULE	⑥ SCREW
⑦HOLDER	⑧ SCREW
⑨ BODY	⑩ BRACKET
⑪SPACER	

Product Specifications

Input Voltage	Input Current	Input Power	Color Temperature	Color Rendering	luminous flux	Luminous efficiency
Vin [V]	Iin [A]	W [W]	CCT [K]	Ra	Flux [lm]	E.f. [lm/w]
220 (90-277)	0.28	30~60	2,700~6,500 (±10%)	80	2,500/5,400 (2,700K/6,500K)	80/90 (2,700K/6,500K)

Wiring Diagram

How to install

Use the screw for hold the ceiling backet.

Fix the body and bracket by the fly nut.

OPEN : Rotate Holding the Cover clockwise.

Close : Rotate Holding the Cover counterclockwise.

Z-Wave hardware button

Inclusion/Exclusion/Reset

Add a Z-Wave device to the network[Inclusion]

You can add the device by either hardware button.

-hardware button : Press the Add/Remove button.(1Second)

1. Click an [Add] icon in Z-Wave PC Controller Program
2. Press the hardware button in a Kumho light lamp for 1 second
3. The device will be added to the Z-Wave network

Delete a Z-Wave Device from the network[Exclusion]

You can remove the devicee by either hardware button.

-hardware button : Press the Add/Remove button.(1Second)

1. Click a [Remove] icon in Z-Wave PC Controller Program
2. Press the hardware button in a Kumho light lamp for 1 second
3. The device will be removed from the Z-Wave network

Reset a Z-Wave Device[Reset]

Use this procedure only in the event that the network primary controller is missing or otherwise inoperable.

1. Press the hardware button in a Kumho light lamp for 10 seconds
2. Device Reset Locally notification will be sent

Association & Association Group Information
- Lifeline between controller and Kumho light lamp (0x01)

Device Reset Locally notification (0x5A)
- The maximum number of supported nodes is 5

Devices from multiple manufacturers in one network

This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

Z-Wave Specifications

- Device Type : Light Dimmer Switch
- Role Type : AOS (Always On Slave)
- Command Class Support/Control

    Z-Wave plus info

    Version

    Manufacture Specific

    Device Reset Locally

Association

Association Group Information

Power Level

Basic

Switch, Multi Level

Switch, Binary

Switch, Color Control