

Project Name:	
Type:	

ZBA-B001

Zigbee Adaptor



The ZBA-B001 is a basic control node in Zigbee network environment. It is designed based on Zigbee H.A 1.2 standard, It can provide dual dimming control by selecting PWM digital and/or 0-10 analog dimming methods. This device can be setup to work as one-to-one or one-to-multiple luminaires based on application requirement.

The ZBA-B001 can work in wide range input from 110VAC to 277VAC, which eliminate the problem during field installation with various line voltages. Its compact sizes gives fixture manufacturer the flexibility during the design phase. The standard OTA feature helps firmware upgrade to ensure long term product maintenance and reliabilities.

WARRANTY

- See [Limited Warranty Policy](#) for more additional information.

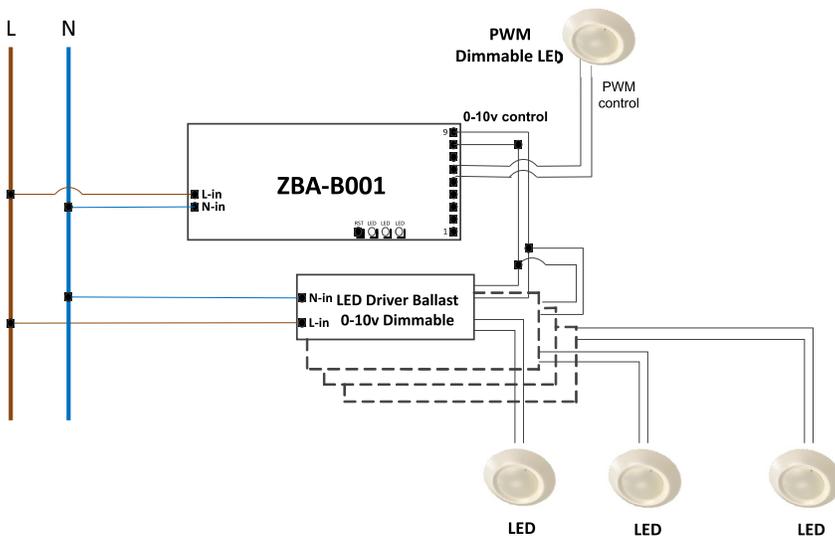
SPECIFICATIONS

COMPATIBILITY :	Zigbee H.A 1.2
INPUT :	110 – 277VAC/ 50 – 60Hz
OPERATING ENVIRONMENT :	-20 to +65°C
RADIO PROPERTIES :	2.4GHz, +19.5dBm Transmit Power
INTERNAL ANTENNA :	Built-in
EXTERNAL ANTENNA :	Optional with connector
DIMMING CONTROL	0-10VDC RGBW 4 Channel PWMs Cool/ Warm 2 Channel PWMs
DIMENSIONS :	96 x 30 x 20mm (L x W x H)
COMPLIANCE :	UL – Pending FCC – Certified
WARRANTY :	5 Year

INDICATOR AND OUTPUT FUNCTIONS

LED INDICATOR :	Red (Power On) Green Flash (Not Commissioned) Green Solid (Commissioned)
RST :	Reset Button
EXT. ANTENNA :	External Antenna Connector
SW1 :	Non functional: Default as 0-10V dimming ON: RGBW 4 Channel PWMs Control OFF: Warm/ Cool 2 Channel PWMs Control
SW2 :	Reserved
SW3 :	ON: Ext. Antenna Enable OFF: Ext Antenna Disable

Stand-alone Solution:
1. Self-Powered Zigbee Adapter
(AC Powered)



ORDER INSTRUCTIONS	
ZBA-B001	0-10V Dimming (Default)
ZBA-B001 RGB	4 Channel PWMs