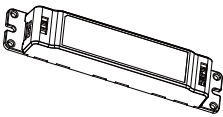


GE
Lighting Solutions
UltraMax™
ZigBee to
0-10V Interface

Installation Guide



BEFORE YOU BEGIN

Read these instructions completely and carefully.

⚠ WARNING/AVERTISSEMENT	
RISK OF ELECTRIC SHOCK Turn power off before installation, installation or removal. Properly ground electrical enclosure. RISK OF ELECTRIC SHOCK Follow all NEC and local codes. Use only UL approved wire for input/output connections. Minimum size 14 AWG for continuous runs.	RISQUES DE DÉCHARGES ÉLECTRIQUES Coupez l'alimentation avant d'inspecter, installer ou déplacer le luminaire. Assurez-vous de correctement mettre à la terre le boîtier d'alimentation électrique. RISQUES D'INCENDIE Respectez tous les codes NEC et codes locaux. N'utilisez que des fils approuvés par UL pour les entrées / sorties de connexion. Taille minimum 14 AWG.

Save These Instructions

Use only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.

Provided Components

- WGZ100
- Installation Guide

Tools and Parts Required

- Wire nuts
- Equipment necessary for luminaire disassembly
- Wire stripper/cutter

Installation Procedure and Troubleshooting

- Follow wiring diagram provided
- Secure interface within suitable enclosure
- Connect Interface Line (L) and Neutral (N) to input power
- Connect Relay Output to driver input Line and Connect Driver Neutral to input power Neutral
- If the device does not perform in the expected manner, do not attempt to repair, contact the manufacturer.

For Your Safety

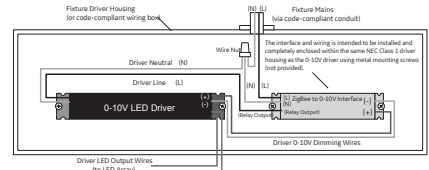
Read and observe all WARNINGS shown throughout these instructions

- Installation to be performed by factory trained or qualified personnel
- This device is designed for field wiring in a suitable junction box in accordance with applicable codes
- Provide suitable enclosure for outdoor use
- Use this product only in the manner intended by the manufacturer. If there are any questions or concerns, contact the manufacturer
- This device complies with FCC Part 15 Subpart B Class B

Product Specifications

Characteristic	Parameter
Input power	120-277VAC, 50-60Hz, Maximum 3A
Relay Contact	120-277VAC, 50-60Hz, Maximum 3A
Housing	White
Size	7.08"lx1.38"wx0.93"h (180*35*23.5mm)
Wire Size	24-14 AWG, Solid or Tinned-Stranded Copper for P2 terminal
Connectivity	Left : (N)Input- (L)Input- (L)Relay Output Right : 0-10V GND-, 0-10V OUT-, Dali+-, Dali-
Output Power	1) 0-10 UL/NEC Class 2 protected 0-10V dimming, Maximum 32mA 2) 9.5V-22.5V UL/NEC Class 2 protected Digital-Power-Bus interface - with power provided by INTERFACE – nominal 22VDC.
Loading	1) 120-277V, 3A, General Use 2) 120-277V, 3A, Electronic Ballast or LED Driver
Function	Translate Wireless ZigBee messaging to control electronic ballast or LED Driver: <ul style="list-style-type: none">• On/Off – Relay Status• Dim Level – 0-10V Dimming Voltage Level
Warranty	10 years
Working Temperature	-25C to +50C
Certification	UL 60730-1/1310-FCC Part 15, Subpart B, Class B

Wiring Diagrams



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation CAN ICES-005 (B) / NMB-005 (B)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

This device complies with Industry Canada's license exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

Pour se conformer aux exigences de conformité CNR 102 RF exposition, une distance de séparation d'au moins 20 cm doit être maintenue entre l'antenne de cet appareil et toutes les personnes.

FCC sDoC statement

FCC Suppliers Declaration of Conformity

Brand name: GE Lighting / model number: WGZ100

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Suppliers Name: GE Lighting Solutions

Suppliers Address (USA): Nela Park, Cleveland, Ohio, 44112

Suppliers phone number and / or internet contact information: 1-888-MYGELED



www.gelighting.com

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