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LightGrid Internal Node

Outdoor Wireless Control System 2.0

Description

LightGrid Outdoor Wireless Control System from GE allows remote monitoring and control, utility-grade energy measurement of streetlights.

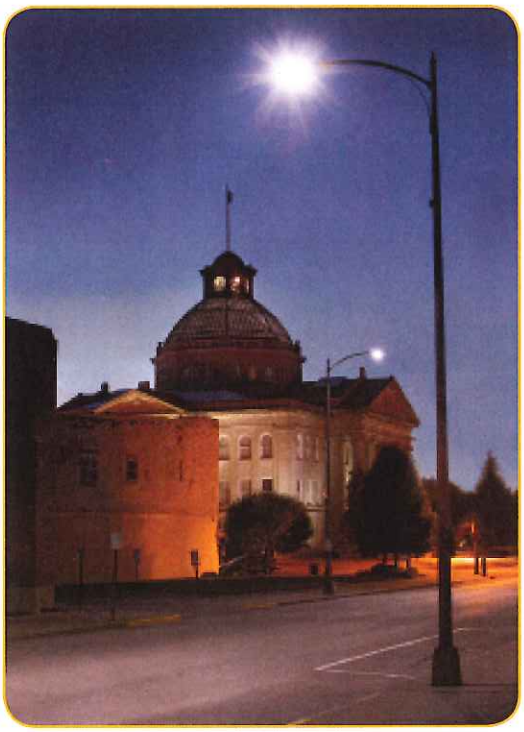
Applications

- Street Lighting
- Area Lighting

2014 PROGRESS Report SELECTION

Product Features

- Utility Grade Measurement up to 2% Accuracy
- Self-forming & self-restoring mesh network
- IPV6 data addressing and routing
- Reliable and certificate based secure communications
- Secure over the air (OTA) upgrade
- Utility grade up to 15 minute time of use Energy consumption reporting
- Time Based Lighting schedules to maximize energy savings
- Real time measurement and storage of Voltage, Current, Wattage, Power Factor, Temperature and Hours of operation



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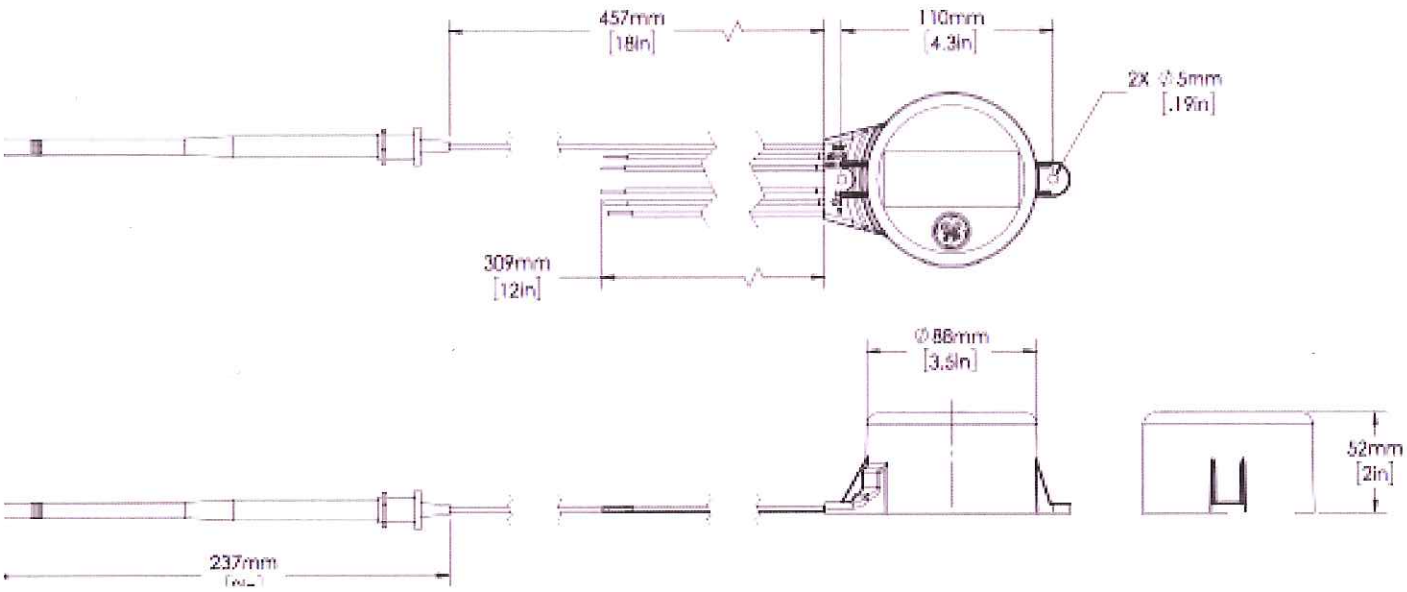
Product Specifications

- Input Voltage: 120-277V
- Radio Frequency: 915 MHz ISM Band
- Network Communication: IEEE 802.15.4, 6LoWPAN, 50 Channel FHSS
- Addressing: IPv6
- Dimming: 0-10V
- Operating Temperature: -40 to +70C
- Surge: Meets ANSI C62.41 6KV, 3KA Combination Wave
- Power consumption average 2W 120-277V,
- Maxium Load Wattage: 500W
- Security: AES Encryption and Certificate based authentication
- Utility Grade Metering: Complies with relevant sections of ANSI C12.20
- Color: Black
- Antenna: External
- Complies with FCC Part 15 required sub sections
- Complies with cUL/UL
- IP65

Product Dimensions



Ordering Code

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