

The G5 Smart Wireless Control Node is a wireless networked lighting control device that provides a precise control and measurement on a fixture. It can work with any fixture that is equipped with an ANSI compliant twist-lock photocell socket. Working with G5 Smart software platform, G5 Smart Wireless Control Node can turn on/off, or smoothly dim a light fixture based on daylight or schedules. It also measures the input voltage, amperage, power factor, KWH and operation hours of the lighting fixture and reports data to the software platform. It can dim a lighting fixture via a standard 0-10V interface, and can trigger the internal cutoff relay, thereby providing support for a wide range of lighting fixtures.

Features:

- Real time measure and transfer of input Voltage, Amperage, Wattage, Power Factor, KWH and Hours of operation
- Dim LED fixtures via standard 0-10V or PWM dimming interface
- Self-forming and self-healing mesh network with secure encrypted communication
- Automatically download programmed schedules
- Controlled by an G5 Smart Gateway and fully integrated into G5 Smart Software Platform
- AES Encryption

Applications:

- Smart City
- Parking Lots
- Private Roadways
- Public Streets & Highways
- College & Corporate Campus Walkways
- Shopping Malls & Centers

Ordering Information

G5-SP XXX XXX XX

UNV= 120-277V

Zig=Zigbee

K = Model K

SPECIFICATIONS:

ELECTRICAL

Operating Voltage: 120-277VAC

Operating Power: 5W max.

WIRELESS NETWORK

IEEE 802.15.4 2.4GHz ISM

Comply with FCC Part 15

INPUT CURRENT CHARACTERISTICS

CT Measurement: 0 to 5A

ACCURACY

Real Power and Energy: 3%

Current: 2%

Voltage: 2%

ENVIRONMENTAL

- Operating Temperature: -20 °C to 60 °C
 - Storage Temperature: -40 °C to 85 °C
- Humidity Range: <95% Relative Humidity, non-condensing

PHYSICAL

Dimensions (H x D): 3.85 x 33.07 inches

FCC Statement

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The distance between user and products should be no less than 20cm.