Daintree® Wireless Controls

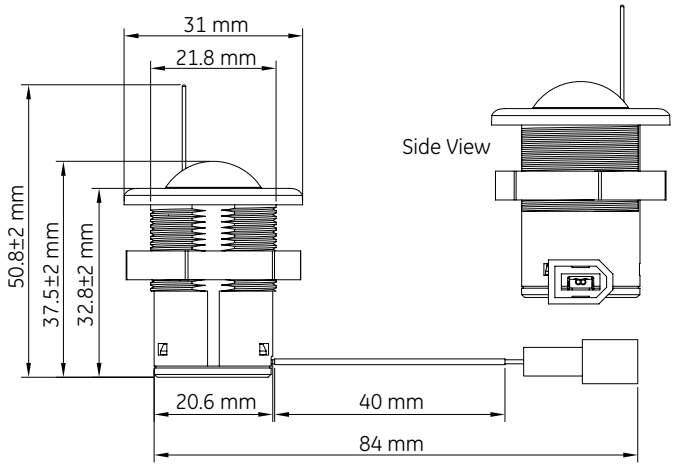
WIZ100 Wireless Integrated ZigBee Sensor

Project Name _____

Date _____ Type _____

Catalog Number _____

Product Dimensions

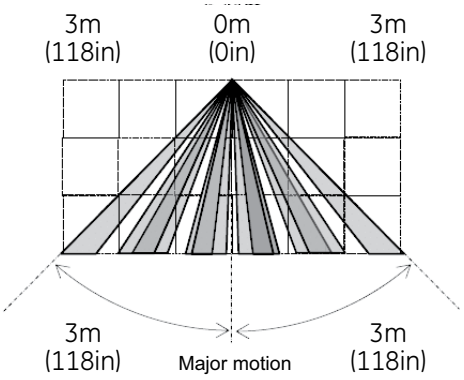


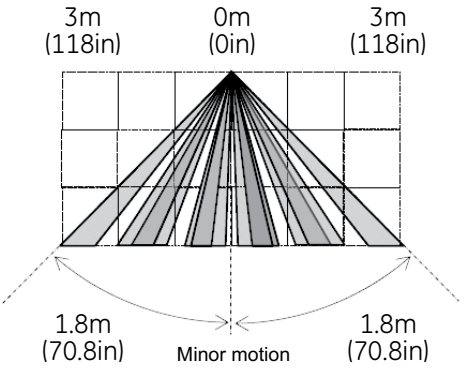
Description

Introducing Current's new integral lighting control sensors to the Daintree Networked Wireless Controls platform. These sensors come factory installed with Current's best-in-class LED fixtures, the new sensors simplify the installation process and economically deliver lighting control to any environment.

Daintree Networked provides the infrastructure for feature-rich commercial lighting control for LED lighting. The Daintree Networked system also allows interconnectivity with other systems like HVAC, Plug Load control, fans, water heaters, air compressors and refrigeration units. The Daintree Networked platform allows building owners and managers the ability to monitor and resolve energy performance with the Daintree apps. Daintree Networked allows customers to go beyond lighting control and into the world of IoT.

Sensor Pattern





Features

- Works on Daintree Networked Wireless Controls System
- Provides Occupancy Sensing and Daylight Harvesting in one device
- Provides flexible scheduling with the Daintree Controls Software
- Integrated into many Current fixtures or can be installed in 0-10V fixtures with LCA kit
- Daintree Controls Software provides Real-Time analytics and programming

Daintree NETWORKED

GE current
a Daintree company

Daintree® Networked Connect Benefits

The Wireless Integrated ZigBee sensor (WIZ100) is a small-size sensor for use with luminaires, through integration or adjacent attachment. Using the WIZ100 sensor with each luminaire provides motion sensing and daylight harvesting data to the Daintree Networked Lighting Control System while enabling dimming and on/off commands to be delivered to the luminaire. The control of the luminaire is carried out through a digital bus between the sensor and the luminaire's driver/controller; the digital bus also provides the necessary power for the sensor. The wireless communication with the Daintree Networked WAC60 utilizes ZigBee which results in a secure and reliable connection and helps minimize the installation costs and complexity.

Technical Data

Product Specifications

Dimensions:	See Dimensional Diagram
Weight:	12.8g
Voltage Rating	Max. 22.5V, Class 2, capable of no greater than 15VA power
Current Consumption:	Max 8mA (without digital communication) @ Max. 22.5V DC, Class 2
Sensor Type:	Passsive infrared (PIR) sensor (for motion) and light sensor
Operating Environment:	0°C to 50°C (Indoor)
Status indicator:	Network joined / Motion is detected
Connections:	Cable connection to the Driver or Interface module
Mounting:	Installs within a 22mm (0.87") hole with provided nut
Recommended Mounting Height:	10 feet (3m)
Warranty:	5 years

Product Certifications

FCC Compliant

FCC ID: PUU-WIZ100
IC: 10798A-PUUWIZ100

c UL us LISTED E486320

For a complete list of the harmonized standards that this product is in conformity with, please see this product's EU Declaration of Conformity on **gecurrent.com**

Additional Information

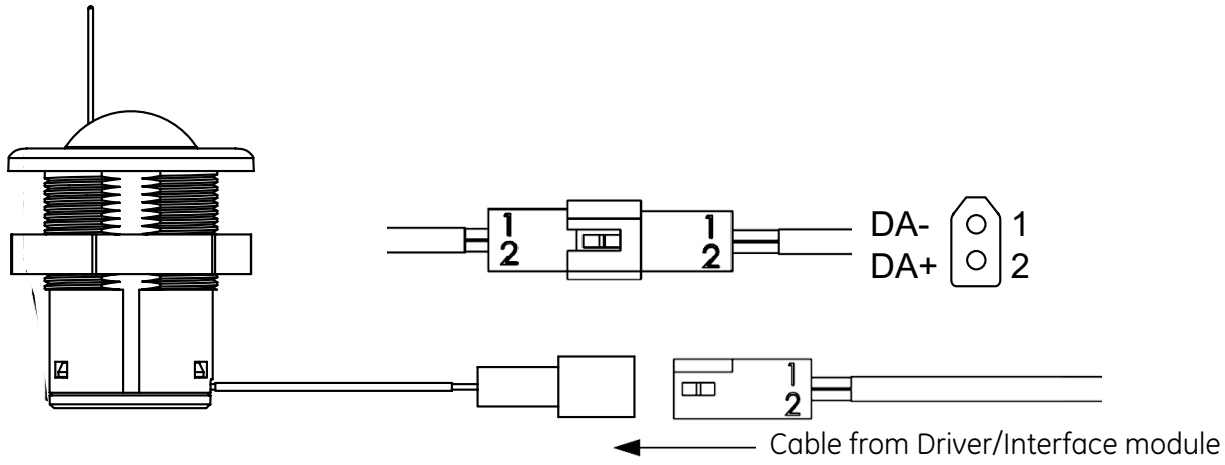
Method of Mounting Control:	Independently Mounted Control for panel mounting
Type of Action and Additional Features:	Type 1
Control of Pollution Degree:	2
Software Class and Structure:	Class A
Maximum Interconnection cables length:	3 m
Rated Impulse Voltage:	330V

Note: Any external cables connected to devices not to exceed 3 meters length.

Cable Connection to Driver

Connect the WIZ100 Sensor digital bus line with the connectors to the below drivers and interface module:

- Connected Indoor Driver (CID): limited compatibility to allow proper operation of fixture (OFF, background level dim and task level lighting) and OTA.
- GE UltraMax™ Digital Power Bus to 0-10V interface module: ON/OFF and dimming commands only (Fault reporting not available, dimming curve not selectable).



Product Availability

The Daintree WIZ100 Sensor comes pre-installed in many Current Fixtures when ordered with "TZ" Controls Catalog logic. Alternatively, the WIZ100 will work with any 0-10V fixture when ordered as an accessory to an LCA kit. Visit **gecurrent.com** for a complete list of available Daintree enabled fixtures.

Daintree WIRELESS CONTROLS | Designed in the USA & Hungary by GE current a Daintree company

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.

Note: 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

Suppliers Name: Current Lighting Solutions, LLC
Suppliers Address (USA): 1975 Noble Road, East Cleveland, OH 44112
Suppliers phone number and / or internet contact information: 1-800-327-0097

FCC/IC Compliance Statements

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.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

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

Cet appareil est conforme à la partie 15 des règles FCC. Son fonctionnement est soumis aux deux conditions suivantes: (1) Cet appareil ne doit pas causer d'interférences nuisibles, et (2) cet appareil doit accepter toute interférence reçue, y compris les interférences susceptibles de provoquer un fonctionnement indésirable.

- L'appareil ne doit pas produire de brouillage;
- L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

To satisfy FCC/ISED RF exposure requirements a separation distance of 20 cm or more must be maintained between the antenna of this device and persons during operation. Operation at closer than 20cm is not permitted.

Pour être conforme aux limites d'exposition aux ondes RF des normes FCC/ISED, une distance de séparation d'au moins 20 cm doit être maintenue entre l'antenne de cet appareil et tou te personne pendant son opération. Mettre en opération cet appareil a une distance plus rapprochée que 20 cm n'est pas permis.

DT033 (Rev 03/16/21)

T 1-888-694-3533
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