Daintree™ Wireless Outdoor Lighting Controller (Node)
WANSI-277/480

BEFORE YOU BEGIN
Read these instructions completely and carefully.
Save these instructions for future use.

1 Preparation:
   • Install the Daintree Wireless Area Controllers (WAC60) first
     Network start-up and meshing is simplified if the WACs are
     operating before installing Nodes.
   • Unpack Node
     Inspect for defects before installing.
   • Check Electrical Ratings
     Verify the fixture operating wattage is below 1000W, and the
     supply voltage at the pole is within the Node’s specified range.
     Using a Node outside these limits voids its warranty.
   • Plan an Installation Route
     Install Nodes nearest to the WACs first, and proceed outwards.
   • Verify that power to the WAC and Node is ON 24/7
     constant power
     The Daintree network will not operate properly with switched
     power from a master timer or photocell.

2 Install the WANSI Node:
   • Check nearby poles
     At the pole to be installed, confirm there is either a WAC or
     another active Daintree Node within 320 ft to ensure a
     communication path and is within the Node’s RF range limits.
   • Plug in the node
     Align the large blade with the large slot in receptacle. Plug in,
     and twist clockwise until it is locked in place. Energize the node
     and observe the luminaire light output.

WARNING
Risk of electrical shock. Disconnect power before servicing or
installing product.
Risk of injury or damage. Node may be damaged if not installed
properly. Follow installation instructions.
Install in accordance with National Electric Code and local codes.

CAUTION
Risk of injury. Wear safety glasses and gloves during installation and
servicing.
Troubleshooting

- Confirm the fixture dims and brightens during the first 1-2 seconds
  When the Node is powered on, it will turn the luminaire ON at full output and then rapidly dim and return the luminaire to full output. Visually confirm that the brightness of the luminaire dims and quickly increases after the node is energized to confirm that dimming is working properly. **Note:** applies only to dimmable fixtures with an ANSI 5 Pin or 7 Pin socket. Fixtures with a standard 3 Pin socket will not be dimmable.

3 Troubleshooting

- The luminaire is not turning ON
  Check that the pole has power. The Node’s relay is Normally Closed (NC), so the luminaire should turn ON when the Node energized until a control command changes the luminaire operating state.

- I did not see the dim and brightening sequence in the first 1-2 seconds
  Verify the fixture is a dimmable version. Unplug the node and plug it in again. If you still do not see the sequence, check that the driver dimming wires (Grey & Violet) are properly connected to the dimming leads of the ANSI socket. If the wiring is connected and the Node still does not dim the luminaire, try a new Node.

- Verify the node’s internal green, yellow, and red indicator LEDs are lit
  The Green LEDs (2) are power indicators. The Yellow LED indicates the node is paired with a WAC or adjacent node within its RF range. The Red LED is a dimming indicator with brightness proportional to the 0-10V dimming output. All 3 LED’s colors are normally lit with proper operation. If all colors are not present try a new Node.

FCC 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.

**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.

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.

CAN ICES-5 (B)/NMB-3(B):

This device complies with Industry Canada license-exempt RSS standards. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

Cet appareil est conforme aux normes RSS exemptées de licence de l’Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes:

- Cet appareil ne doit pas provoquer d’interférences et
- Cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l’appareil.

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 toute personne pendant son operation. Mettre en operation cet appareil a une distance plus rapprochée que 20 cm n’est pas permis.

Questions:

Web: products.gecurrent.com
Phone: 1-866-855-8629

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