

Horticulture Lighting Group Dimmer Powered by GrowFlux

User Manual

Part Number GFX-OEMHG01

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Quickstart

The HLG Dimmer can adjust the intensity of your HLG light in 25% increments with the arrow buttons on the device. The latest dimming setting will be saved through power cycles for use with timers and switched circuits.

For wireless control and scheduling, a GrowFlux Access Point and internet connection is required. Follow the instructions included with your Access Point, then navigate to 'Add Device' in the GrowFlux app to connect your lights.

LED Behavior

Button LEDs

The buttons are illuminated with green LEDs when the HLG Dimmer is not configured with a schedule, indicating that the Dimmer can be controlled directly with the buttons. Once a schedule is configured on your Dimmer with the GrowFlux App (GrowFlux Access Point required), the buttons will not be illuminated, indicating that manual button control is not available.

Wireless symbol

1. Upon successful wireless connection to the GrowFlux Access Point, the wireless symbol on the HLG Dimmer will illuminate green, indicating that the device has established a reliable connection to your GrowFlux Mesh.
2. When your HLG Dimmer initially receives an invitation to the GrowFlux Mesh from the Access Point, the wireless symbol will briefly illuminate white.
3. If your HLG Dimmer is not configured with an Access Point, the wireless symbol will briefly flash red when your light is powered on. The HLG Dimmer will not indicate a red LED light under any other conditions.

Reset to factory settings

To disconnect your HLG Dimmer from your GrowFlux Mesh, hold down the down arrow (with the " – " symbol) while powering on your light. Continue holding this button down for about 5 seconds, until the wireless symbol begins flashing red.

Ingress protection, care, & ambient conditions

The HLG Dimmer is designed for indoor environments and does not offer protection from water exposure. For best results, operate the device indoors, outside of direct sunlight, and in a dry environment.

Clean the Dimmer with a damp cloth. Do not use abrasive cleaners or solvents to clean the Dimmer.

The Dimmer should be operated in indoor environments within a temperature range of 0-131°F (0-55°C) and within 0-90% relative humidity. Operation of the device outside of these conditions may result in degraded performance. Avoid placing the device in direct sunlight, as this may cause unnecessary heating of the device and degraded performance.

FCC Compliance Statement

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.

FCC Statement

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Canada Statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (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 FCC/IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Ce matériel est conforme aux limites de dose d'exposition aux rayonnements, fac / ic rss-102 énoncée dans un autre environnement. Cette equipment devrait être installé et exploité avec distance minimale de 20 entre le radiateur et votre corps.