Excellence in Compliance Testing

Certification Exhibit

FCC ID: YNE-12357

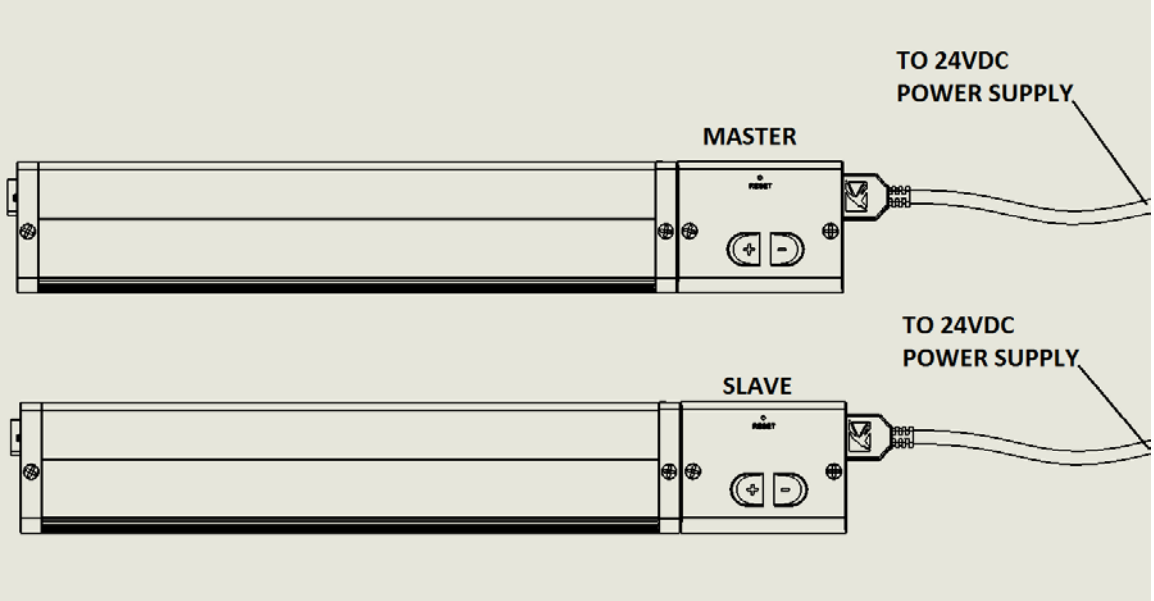
FCC Rule Part: 15.249

ACS Report Number: 10-0107.W03.11.A

Manufacturer: Kichler Lighting
Model: 12357BK, 12357WH

Manual

WIRELESS DIMMER SETUP



NOTE:

- Steps in this section will allow user to setup controllers to work in unison on separate runs.
- In order for 2 or more switches to work in unison, a network needs to be created and then the controllers need to be associated (linked) together.
- Connect each controller to separate light bars powered by different power supplies. **Power must be on**.
- Error is indicated by 10 dim blinks in succession.
- Success is indicated by 2 bright blinks in succession.

Add an under cabinet controller to network (slave controller add)

On the first controller:
1. Press & release recessed RESET button. (The first controller light bar will blink 2 times)
2. Press & hold '+' button for until first controller light bar blinks 2 times. (Hold for hold approx. 2 seconds)

On the second controller:
1. Press & release recessed RESET button. (The second controller light bar will blink 2 times)
2. Press & hold both '+' button and '-' button until both the first controller light bar and second controller light bar blinks 2 times. (Hold for approx. 2 seconds)

Repeat steps for additional controllers. Take note of which controller was the first controller in above steps. This controller is now the master controller in the network, and is the only one that can add/remove other controllers to the network. Any additional controllers will be slave controllers.

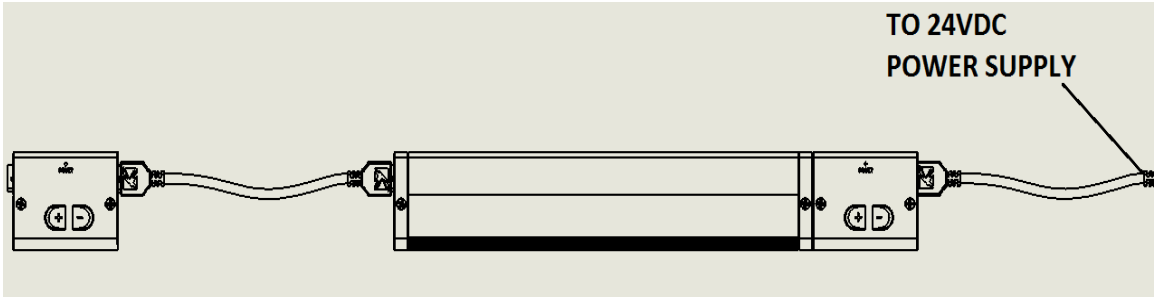
Create association (Link) under cabinet controller

On the master controller:
1. Press & hold both '+' and '-' buttons until the master LED light bar blink 2 times (hold approx. 2 seconds)
2. Press & release '+' button to put controller into ASSOCIATION ADD MODE (lights will blink twice).

On the second controller:
1. Press and release '+' button. Both master and second controller will blink 2 times.

Repeat steps for additional link associations.
The 'associated' controllers will now track (work in synchronization) with each other.

SPECIAL CASE SET-UP: IN-LINE SYNCHRONIZATION



• When two or more controllers need to be connected to the same set of LED lights, it will be necessary to follow these steps below for all slave controllers:
• Follow all instructions for "WIRELESS DIMMER SETUP" first.

1. Press and hold the recessed RESET button until the attached lights blink 2 times. (Hold approx. 2 seconds)
2. Press the '-' button. (Lights will turn ON)

DIMMER MODULE
INSTALLATION INSTRUCTIONS

Before Installing:

All installations should comply with National and local electrical codes.
If you have any doubts concerning installation contact a qualified, licensed electrician.
NOTE: Read all instructions thoroughly before starting installation.
The Kichler® dimming module can be directly mounted to a Kichler LED KCL fixture OR simply in-line using a Kichler LED interconnect cable.

NOTE:

• The dimmer switch module can be connected between any fixtures or at either end of a connected run of fixtures.
• For use only with Kichler LED 24VDC Class 2, 5 AMP MAX Cabinet Lighting fixtures and accessories.

DIRECTLY TO FIXTURES

1) Align connector on end of dimmer module with connector on end of existing fixture.
2) Push dimmer module to existing fixture until the fixture and the dimmer module are flush and connectors snap together.
3) Drive pre-installed screws into mounting surface until fixture is secure. If screws are difficult to install, remove screws, mark holes, and drill 1/16" pilot holes. (See Fig. 3)
NOTE: DO NOT OVER TIGHTEN SCREWS.

IN-LINE USING INTERCONNECT CABLES

1) Determine location for dimmer module in run.
2) Select proper length interconnect cable P/N 12341 (9"), 12342 (14"), 12343 (21") or 12345 (10').
3) Drive pre-installed screws into mounting surface until fixture is secure. If screws are difficult to install, remove screws, mark holes, and drill 1/16" pilot holes.
NOTE: DO NOT OVER TIGHTEN SCREWS.
4) Hold interconnect cable to mounting surface and determine best path for cable. If interconnect cable is being run from cabinet to cabinet a notch such as a "V" could be cut in cabinet side panels to help keep cable out of sight.
NOTE: Interconnect cable is UL rated CL2. Installer should check with local building codes to determine if CL2 wire is allowed to run through floors, walls and ceilings. (See Fig. 4)
5) Peel backing off retaining clip(s) and affix to desired location(s). Surface should be as clean as possible. Drive pre-installed screw into the cabinet surface to secure the retaining clip to the surface. (See Fig. 5)
6) Slip Cable into clip(s) and snap closed.

DIMMER CONTROL

Turn ON lights: Momentary press of '+' button shall return to last dimmed level.
Turn OFF lights: Momentary press of '-' button enable 0% brightness.
Dim Up lights: Press and Hold '+" Button shall enable DIM UP to be selected.
Dim Down lights: Press and Hold '-" Button shall enable DIM DOWN to be selected.

ADDITIONAL WIRELESS DIMMER PROGRAMMING OPTIONS:

Remove association (Link) to under cabinet controller:

On the first controller:
1. Press and hold the '+' and '-' buttons for until controller blinks 2 times. (hold for approx. 2 seconds)
2. Press & release '-' button.

On the second controller:
1. Press & release '-' button. (Controller will blink 2 times)

Remove under cabinet controller from network:

On the master controller:
1. Press & release recessed RESET button. (Master LED light bars will blink 2 times)
2. Press & hold '-' until the master lights blink 2 times (hold approx. 2 seconds).

On the second controller:
1. Press & release recessed RESET button. (Second controller LED light bars will blink 2 times)
2. Press & hold both '+' and '-' until the master lights and slave controller lights blink 2 times. (hold approx. 2 seconds)

Remove In-line Synchronization:

1. Press & hold the recessed RESET button on controller until attached lights blink 2 times. (hold approx. 2 seconds)
2. Press the '+' button. (Lights will quickly turn off)

Reset under cabinet controller:

1. Press and hold the '+', '-' and recessed RESET buttons simultaneously until attached light blink 4 times.

NOTE: Resetting the controller will clear the network and associations from the controller, as well as set the configuration parameters back to the default factory settings.

FCC and IC Statement

Warning: Changes or modifications to this device not expressly approved by **Kichler Lighting** 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."

The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.

This Class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations. 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.

Cet appareillage numérique de la classe B répond à toutes les exigences de l'interférence canadienne causant des règlements d'équipement. L'opération est sujette aux deux conditions suivantes: (1) ce dispositif peut ne pas causer l'interférence nocive, et (2) ce dispositif doit accepter n'importe quelle interférence reçue, y compris l'interférence qui peut causer l'opération peu désirée.