SILENT 1" HO

INSTALLATION INTRUCTIONS

Important:
NEVER attempt to do any work without shutting off the electricity.

- Read all instructions before installing.
- System is intended for installation by a qualified electrician in accordance with the National Electrical Code and local regulations.
- Go to the main fuse box, or circuit breaker. Place the main power switch in the "OFF" position and unscrew the fuse(s) or switch "OFF" the circuit breaker switch(es) that control the power to the fixture or room that you are working on.
- Place the wall switch in the "OFF" position.

LIGHT	Model	G-10000
	Input Voltage	36V DC
	Output Current	630mA CC
	Lamp Life	50,000 Hours
	Operating Temperture	-40°C to +40°C
	Energy used	25W
	Luminous Flux	2700K-1750LM 3000K-1800LM 3500K-1900LM 4000K-2000LM 5000K-2000LM
	Equivalent to:	200W halogen
	CCT Options	2700K/3000K/3500K/4000K/5000K (LED Engine Sold Separately)
	Beam Angle	50 Degree
	CRI	Ra>90
	Approved Location	Wet
	OD	8.5"(216MM)
	ID	0.79"(20MM)
	Thickness	2.95"(75MM)
	Cut Out	5.85"(149MM)

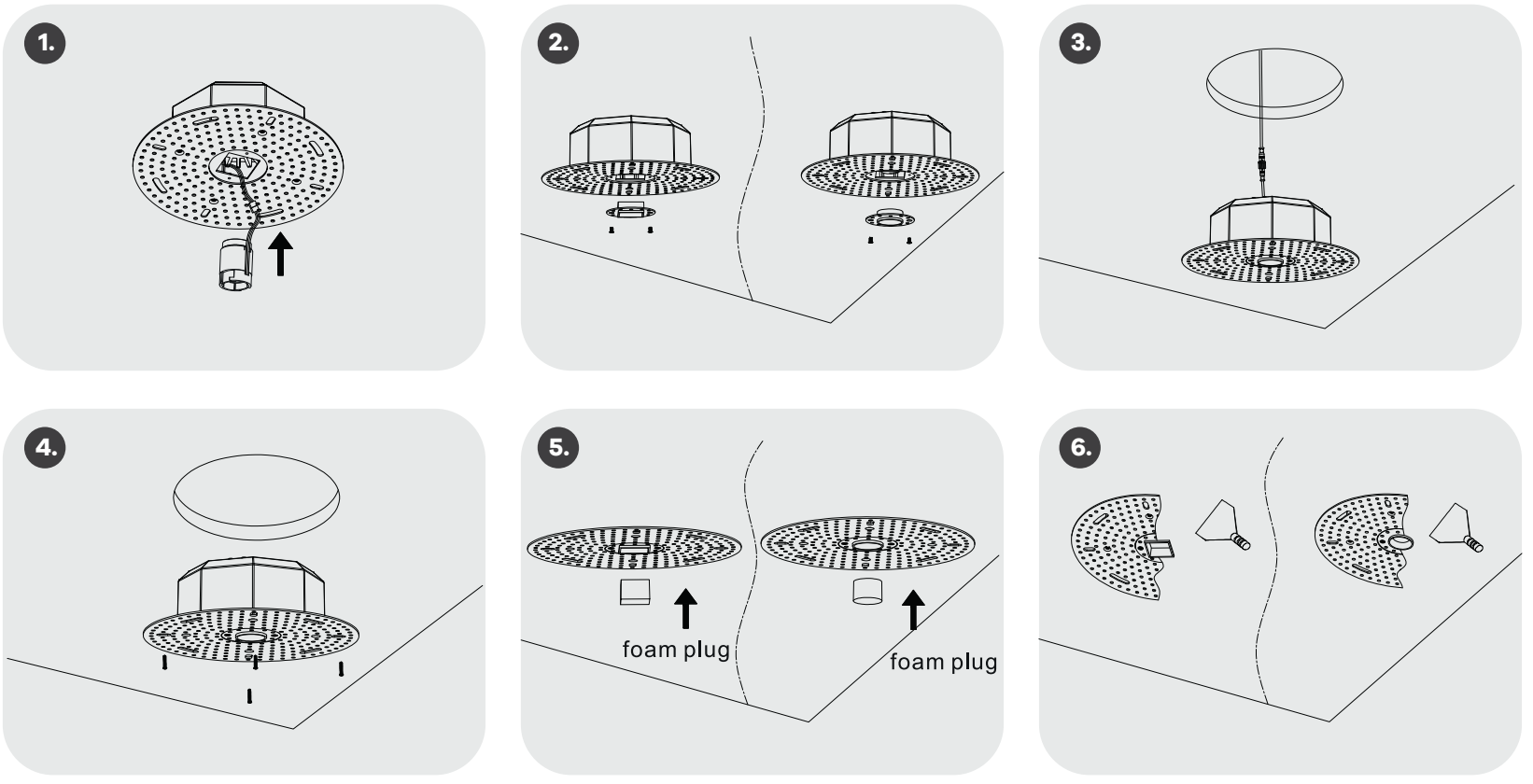
Caution

All parts must be used as indicated in these instructions. Do not substitute any parts, leave parts out, or use any parts that are worn out or broken.

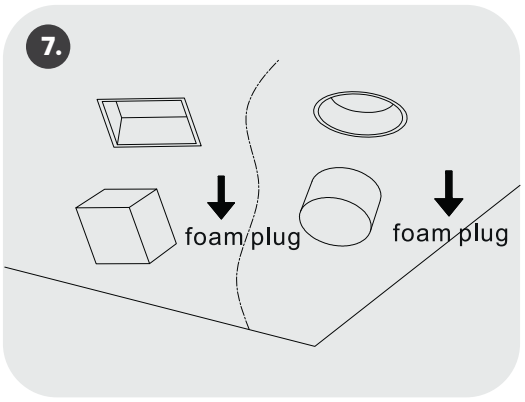
Overview

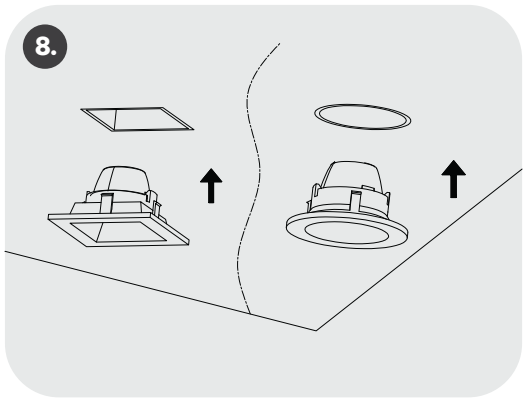
Housing requires a remote power supply to power the LED and a trim for a finished look. Refer to specification sheets for compatible remote power supply and trim options.

Installation Steps



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1. Connect HO silent copper module's connector to the housing body connector. Then install the HO silent copper module into the housing body. (HO silent copper module is not included) (See FIG. 1)

2. Install the small mesh onto the big mesh with two screws. (See FIG.2)

3. Cut out a 5.85" diameter hole on drywall ceiling using a proper tool

4. Take out the housing body and connect the female DC connector with extension cord's male DC connector. Connect the extension cords female DC connector to the remote driver. (Remote driver is not included)
Refer to remote power supply instruction for fixture and dimmer wiring. (See FIG. 3).

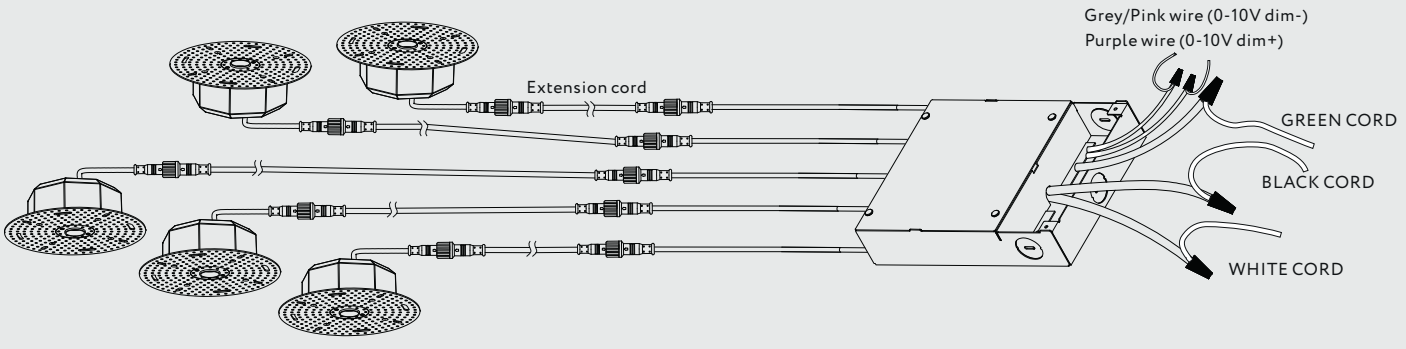
Caution

Do not power fixture with foam plug installed or damage may result. Remove plug and keep for future installation if wish to power at this step.

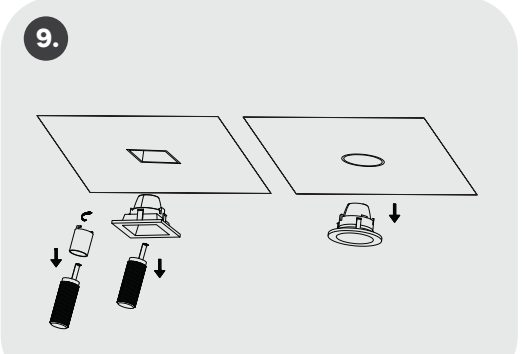
5. Insert the housing body inside the ceiling opening. Press the trimless frame of the housing against the ceiling and fasten four drywall screws to mount the housing to the ceiling. To make fine adjustments in alignment for square trims, loosening the four mounting screws slightly, and rotate the housing to achieve the desired alignment.
Then fasten the screws well. (See FIG. 4).

6. Install the foam plug, Ensure the foam plug covers the housing collar opening with its bottom surface higher than the collar edge. (See Fig.5)

Wiring Overview



Servicing Trim and Light Engine

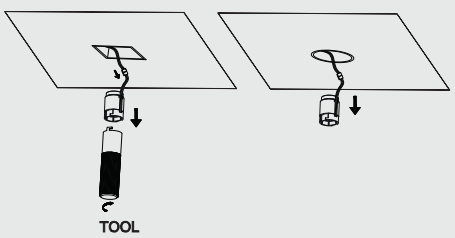


Removing Trim

Note: Turn off power and let trim cool down before removing downlight, pinhole or wall wash trim.
Unscrew the top cylinder of service tool to expose the stainless steel hook.
Place the tip of the hook into the gap between the bottom of reflector and the top of trim.
Gently pull down to remove trim from the housing (See FIG. 9).

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Replacing Light Engine

1. Remove the trim from the housing. Screw the top cylinder on the tool base. Locate two notches on edge of the LED holder inside the housing collar. Insert the tip of service tool inside the collar to have the two L-shape hooks travel through the two notches of the LED holder, then slightly turn clockwise to engage with two tabs of the LED holder. Gently pull the light engine down to separate magnets and to remove it from housing. Disconnect the wire connector to replace light engine (See FIG. 10)

2. Connect the new light engine to the wire connector, use finger to push wire leads back to the cavity of housing on side of the light engine receptacle. Be sure the wire leads do not tangle to block the receptacle of light engine. Use the service tool to gently insert light engine through the housing collar to let its base fully engaged with the magnet of the receptacle (See FIG.

Remote Power Supply Wiring

Refer to relative instructions of remote power supply for installation of power supply.

Manufacturer's Limited Warranty

Your Product, when delivered to you innew condition and in original packaging, is warranted against defects in materials and workmanship as follows for a period of 3 years from the date of the original purchase. Defective products returned and proven to be defective upon inspection will be repaired, replaced with a new Product or a credit will be issued against original invoice at the discretion of manufacturer.

To avoid any doubt, "the replacement Product" does not include any removal or installation costs or expenses, including without limitation labor costs or expenses, shipping costs to return defective products or any damages that may occur during the return of product. This limited warranty is subiect to the following additional conditions:

1. Products must have been installed and operated in accordance with manufacturer's instructions.

2. Products have not been subjected to accident, neglect, abuse, misuse, lightning, electrical surges or acts of God.

3. The Product has been purchased directly from an authorized distributor.

4. Purchase receipt or invoice is available for inspection.

5. This warranty is limited to Products purchased for use in regions that are within jurisdiction of Canada and USA.

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.

2. This device must accept any interference received, including interference that may cause undesired operation.

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The foregoing warranty is exclusive, and the sole remedy for any and all claims. In no event will the manufacturer be liable for any special, compensatory, indirect, punitive, or incidental or consequential damages including, without limitation, damages resulting from loss of use, profits, business or goodwill, whether or not the manufacturer has been advised of the possibility thereof.

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