

SILENT 1/2"

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 switches) 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-16000
	Input Voltage	36V DC
	Output Current	330mA CC
	Lamp Life	50,000 Hours
	Operating Temperture	-40°C to +40°C
	Energy Used	13W
	Luminous Flux	2700K-750LM 3000K-850LM 3500K-950LM 4000K-1000LM 5000K-1000LM
	Equivalent to	100W halogen
	CCT Options	2700K/3000K/3500K/4000K/5000K (LED Module not included)
	Beam Angle	40 Degree
	CRI	Ra>90
	Approved Location	Wet
	OD	6.5"(165mm)
	ID	0.8"(20mm)
	Thickness	1.77"(45mm)
	Cut Out	3.62 (92mm)

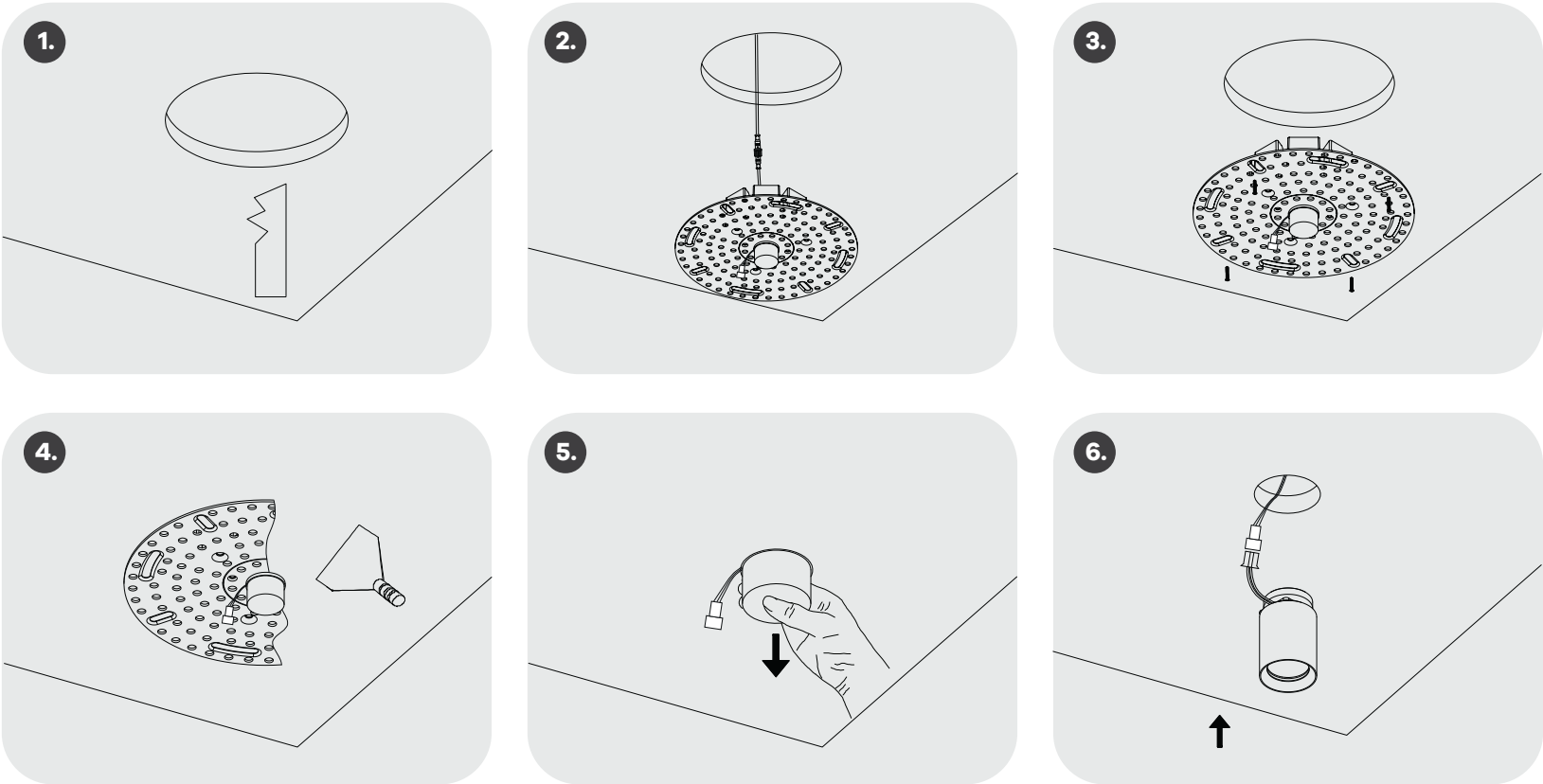
 Caution

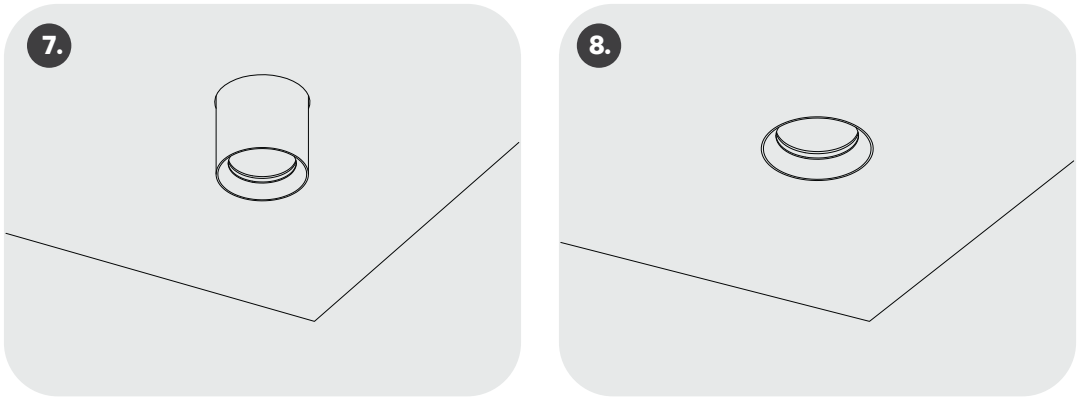
All parts must be used as indicated in these instructions. Do not substitute any parts, leave parts out, or use any parts that are worn out or broken.

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.

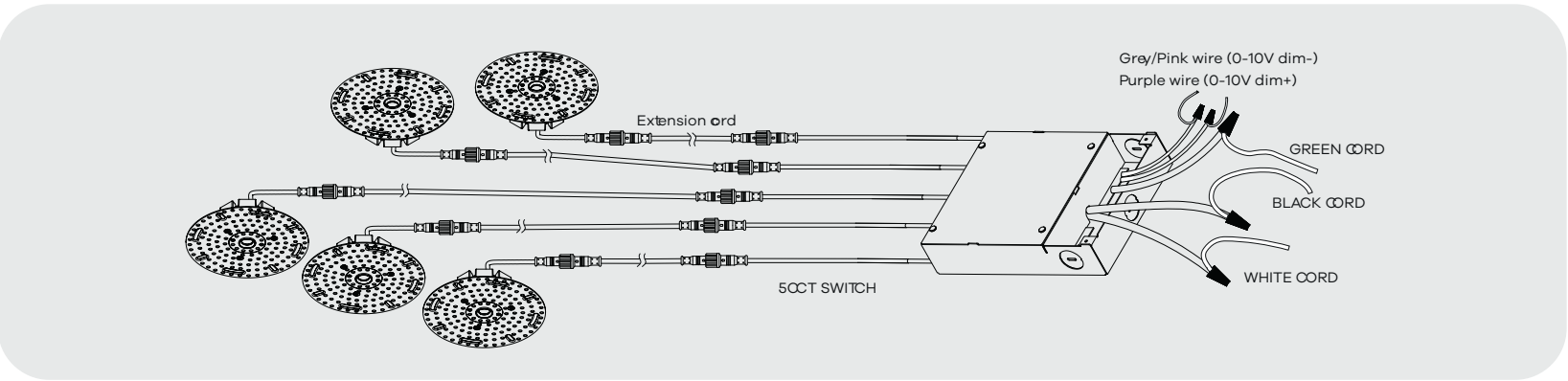
Installation Steps



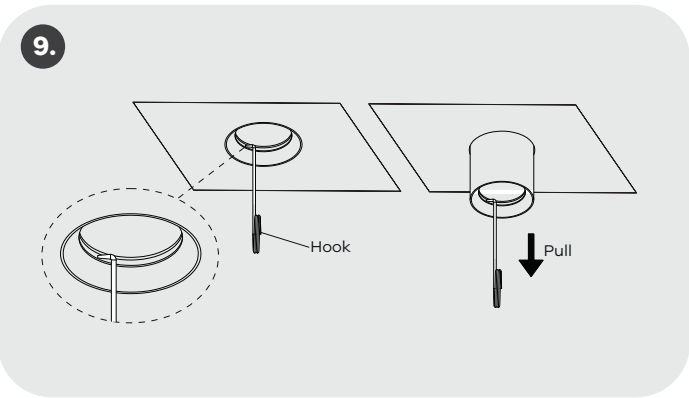


1. Cut out a 3.62" diameter hole on drywall ceiling using a proper tool (See FIG. 1)
2. Take out the housing body and connect the female DC connector with extension cord's male DC connector. Connect the extension cords female DC connector to the remote driver. (Remote driver is not included)
Refer to remote power supply instruction for fixture and dimmer wiring. (See FIG. 2).
3. 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. 3).
4. Apply plaster or spackle over trimless frame and sand surface when dry for a finished look. (See FIG.4)
5. Paint the ceiling evenly, also covering the housing opening and plug.
6. Grip the edge of the foam plug gently and pull it down to remove it from the housing collar (See FIG.5)
Note: To achieve a sharp and clean aperture, gently remove loose paint chips and clean up small debris along the collar edge using a damp soft cloth. Touch up any uncovered surfaces along the collar edge with the ceiling paint using a small brush.
7. Connect the quick connector of the module and the housing well, then pushing the module into the housing collar opening. Eusure the bottom of the trim is flush with the ceiling surface. (FIG.6-FIG.8)

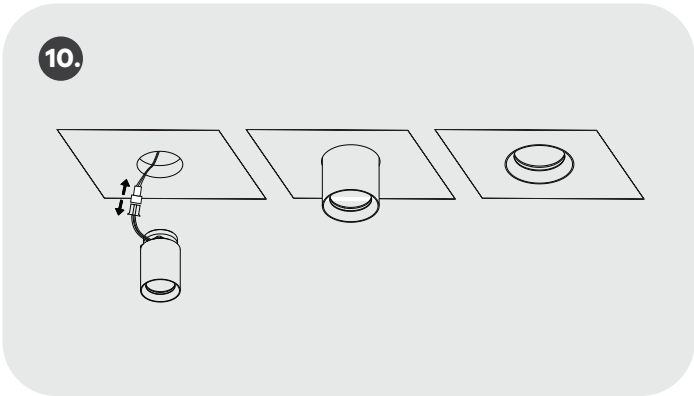
Wiring Overview



Replacing Light Engine



1. Remove the module with the provided hook.(Insert the oblate head of the hook into the gap of the trim. Gently pull the light engine down to separate magnets and to remove it from the housing. Disconnect the wire connector to replace the light engine. (FIG.9)



2. Connect the new light engine to the wire connector, use finder to push wire leads back to the cavity of the housing on side of the light engine receptacle. Be sure the wire leads do not tangle to block the receptacle of the light engine. Install the light engine into through the housing collar to let its base fully engaged with the magnet of the receptacle. (FIG. 10)

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 in new 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 subject 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.



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.