

Modern or Round Recessed Light

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE INSTALLING FIXTURES. SAVE THESE INSTRUCTIONS.

Operating Temperature:

-4°F to 113°F (-20°C to 45°C)
Suitable for damp locations.
For indoor installation only.

Safety:

For your safety, this fixture must be wired in accordance to local electrical codes and ordinances. All work should be done by a qualified electrician.

Power Requirements:

This light fixture requires the use of the included driver.
DONOT use with MLV power supplies.

WARNING:

Make sure the power is OFF from the electrical panel before starting installation or attempting any maintenance

Failure to install and wire fixture or power supply in accordance with the National Electrical Codes (NEC), all applicable Federal, State, and Local electrical codes, as well as specific UL safety standards for the intended working environment (location/application), may cause serious personal injury, or property damage. Knowledge and expertise of electrical systems is required for installing aspectLED Recessed Lights. When in doubt, contact a certified electrician.

Do Not alter, relocate or remove the wiring, junction box, power supply, or any other electrical components. Risk of fire or electrical shock.
3-year warranty* is limited to the repair or replacement of defective lights. Damages caused by abuse or misuse aren't covered in aspectLED's Warranty.
**1 year warranty on 3.5" RGB & RGBW Recessed Lights*



Prefer to follow our online instructions?



TOOLS YOU'LL NEED

Sheetrock Jab Saw



Tape Measure



Wire Stripper



Screw Driver



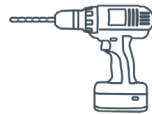
Electrical Wire

use the right type and gauge suitable to connect to the fixtures



Drill with Hole Saw

*optional



INSTALLATION INSTRUCTIONS

1 Turn off power before installing, inspecting, or removing your fixture.

2 Lay out the light locations on the ceiling.

Using a tape measure and your layout/grid design, determine the location and center of each light on the ceiling and mark it's place with a pencil. Be sure of your placements and double check your measurements.

"Measure twice, cut once"
- A Very Wise Electrician



Make your Cut-outs.

Use this table to determine the diameter or dimensions of your cut.

MODERN SERIES	CUT SIZE
MODERN MICRO SERIES (1 LED)	1-11/16"
MODERN MICRO SERIES (2 LED)	4-1/8" L 1-34" W
MODERN MICRO SERIES (3 LED)	6-1/4" L 2" W
MODERN SERIES 3 LED STANDARD	2-3/4"
MODERN SERIES 3 LED ULTRA	2-3/4"
MODERN SERIES 6 LED STANDARD	6-3/8" L 3-3/16" W
MODERN SERIES 6 LED ULTRA	6-3/8" L 3-3/16" W
MODERN SERIES 9 LED STANDARD	9-9/16" L 3-3/16" W
MODERN SERIES 9 LED ULTRA	9-9/16" L 3-3/16" W
MODERN SERIES 4 LIGHT (12 LED) STANDARD BRIGHT	6-3/8"
MODERN SERIES 4 LIGHT (12 LED) ULTRA BRIGHT	6-3/8"

ROUND SERIES	CUT SIZE	ROUND SERIES	CUT SIZE
2" LED RECESSED LIGHT	1-5/8"	3.5" RGB	2-3/4"
2.25" LED RECESSED LIGHT	1-7/8"	3.5" RGB + WHITE	2-3/4"
3.15" Standard Bright	2-3/16"	4.2" Recessed Light	3-5/8"
3.15" Ultra Bright	2-3/16"	5.2" Recessed Light	4-13/16"
3.5" Standard Bright	2-7/8"	5.4" Recessed Light	4-7/8"
3.5" Ultra Bright	2-7/8"	5.5" Recessed Light	5-5/8"
3.5" Single Array	3"	6.3" Recessed Light	5-5/8"



Move on to either high or low voltage wiring instructions.

LOW-VOLTAGE WIRING INSTRUCTIONS



Run wire to your light location.

Run appropriately sized low voltage wire from your central power supply location to each light/driver location. You can daisy-chain up to 10 lights, wired from the power supply. If you have over 10 lights, run a new dedicated home-run wire for each group of lights, from the first light in the group back to your power supply location.

Leave about 6- 8" of wire sticking out of your cut-out hole at each light location to allow you to install the light. Also, be sure to leave some extra wire at the power supply location, so you have enough slack to neatly organize your wires.



Mount your power supply and run 120VAC power to this location.

At the location where you've decided to install your power supply, securely mount your power supply and provide line voltage power from the switch/dimmer location to the input of the power supply. Once you've run your line voltage power to your power supply, connect the low voltage wires (that run to your lights) to the output of the power supply, being mindful to match polarity.



Connect your driver to the power supply.

Now, at each light location, go ahead and connect the incoming low voltage wires to the LED driver for each light fixture using wire nuts or crimp connectors.



Move on to Step 9 of Installation Instructions.

HIGH-VOLTAGE WIRING INSTRUCTIONS

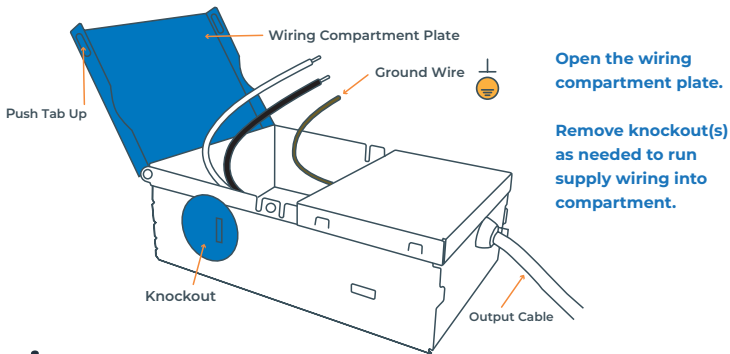
(120VAC)



Run wire to the Driver, make connections, open swing cover, and remove the appropriate knockouts.

For some smaller recessed fixtures, our driver may not fit through the fixture's cut-out hole. In this case, you will need access from above the ceiling or behind the wall, or you may remotely locate the driver. In the event that you remotely locate the LED driver, only use aspectLED class 2 low voltage extension cables between light and LED driver, and never connect multiple extension cables together.

In accordance with NEC and/or your local electrical code, run the 120VAC electrical wire from the switch/dimmer location to the location where you will install the LED driver. Use supply wire rated for 90°C or greater. Be sure to check the local code for which type of wire to run, most electrical codes require NM (also called Romex), BX, or MC wire.

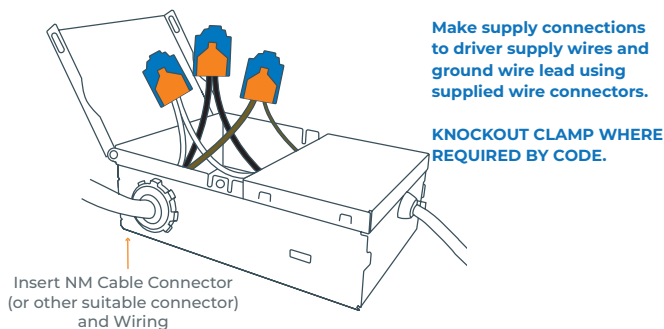


Insert the electrical supply cable through the knockout(s).

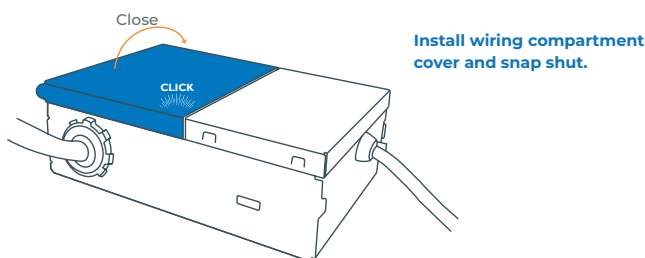


Wire the driver box using the supplied quick connect push-in terminals.

- Connect the ground cable wire to green driver box wire
- Connect the white cable wire to white driver box wire (neutral)
- Connect the black cable wire to black driver box wire



Place all the wires and connections back into the driver box and close the cover. Move on to Step 9 of Installation Instructions.



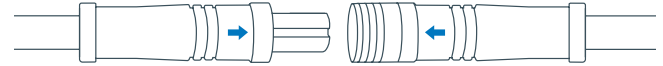
INSTALLATION INSTRUCTIONS

(Continued From Front)



Connect the LED Driver to the light.

Verify that the input voltage of the LED driver matches the power source voltage. Connect the driver cable plug to the plug on the light. Pay close attention to the arrows on each plug. These arrows must point towards each other. Screw the connectors together. It is important to remember that each size light requires its own specific driver.



Place the LED Driver through the hole.

Carefully place the LED Driver up through the hole. If driver must be attached to structure per code, use screws or other removable fastener to fasten unit using keyholes provided. Mount your LED driver in a dry location, unless otherwise marked. It is very important that the LED driver remains accessible by removing the light, thus allowing you to inspect the connections or LED driver at any time without causing physical damage to your ceiling or other building materials.

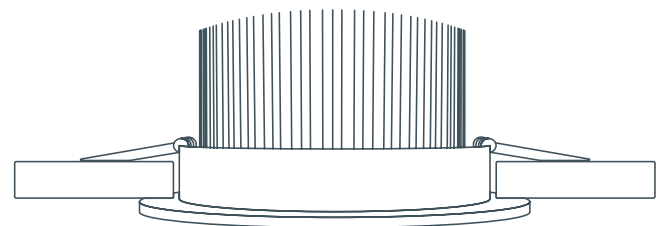


Install the light into the cut-out hole.

After you have verified that the light cord is connected to the driver output cord, gently lift upwards on the retention clips on each side of the light fixture and carefully push it into the cut-out hole.

Caution: the retention clips have a similar strength to your average mousetrap, **watch your hands!**

Once the light fixture is in the hole, allow the spring-loaded retention clips to come down, holding the light firmly in place against the drywall or ceiling material. Do not install this light into ceiling material with a thickness over 1".



That's it, you're all set!

Nice work! You've completed the conventional installation process. Once the light is securely installed into the ceiling, your recessed light is ready to go.

If you need to remove the light, simply grab hold of the sides of the light and gently pull downwards until the light comes about 1/2" out of the cut-hole. **Before pulling the light all of the way out of the hole, be sure to get a firm grip on the retention clips, holding them upwards to prevent the springs from snapping back onto your hands.** Once the clips are secured, pull the light the rest of the way out of the hole and gently let the retention clips back down.