**KICHLER® DESIGN PRO LED FIXTURE
INSTALLATION INSTRUCTIONS
12055, 12056, 12057, 12058**

KICHLER

LIGHTING

FIG. 1

FIXTURE HOUSING

FIXTURE HOUSING

WIRING
COVER

Before Installing:
All installations should comply with National and local electrical codes. If you have any doubts concerning installation contact a qualified, licensed electrician.
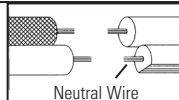**NOTE:** Read all instructions thoroughly before starting installation.

CAUTION: To reduce the risk of fire, electric shock, or injury to persons:
a)   Use only insulated staples or plastic ties to secure cords;
b)   Route and secure cords so that they will not be pinched or damaged when the cabinet is pushed to the wall;
c)   Not intended for recessed installation in ceiling, or soffits.
d)   Not intended for surface installation inside built-in furnishings such as kitchen cabinets, china cabinets, or trophy cases;
e)   The National Electrical Code (NEC) does not permit cords to be concealed where damage to insulation may go unnoticed. To prevent fire danger, do not run cord behind walls, ceilings, soffits, or cabinets where it may be inaccessible for examination. Cords should be visually examined periodically and immediately replaced when any damage is noted.

1.   Turn off power.
2.   Open wiring compartment by compressing the lens tabs in the direction of the LED and allowing the wiring compartment cover to hang freely. (see Figure 1)
3.   Hold the fixture in the desired mounting location and mark the position of the keyholes. Set fixture aside and start screws at marked locations.
4.   Remove knock-out that allows for easiest access to conduit.
5.   Install conduit connector in knock-out hole on fixture housing. (see Figure 2)
6.   Run wire through installed conduit connector ensuring that at least 3" of wire extend into the wiring compartment. The provided conduit connector may only be used with the following:
     •   14/2 to 10/2 steel armored cable;
     •   3/8" trade sized reduced wall flexible steel or aluminum conduit;
             or
     •   14/2 to 10/2 non-metallic sheathed cable
7.   Slip fixture over partially installed screws by aligning the large portion of the keyholes with the screw heads and then sliding fixture to one side. Tighten fixture mounting screws to secure fixture in place.
8.   Tighten screws on conduit connector to clamp wire into place.
9.   Make wire connections using the provided wire nuts.
     •   Connect the ground supply wire to the green input wire

FIG. 2

SCREW
KEY HOLE
FIXTURE HOUSING
CONDUIT CON-
NECTOR
SCREW

| Connect Black or
Red Supply Wire to: | Connect
White Supply Wire to: |
|---|---|
| Black | White |
| *Parallel cord (round & smooth) | *Parallel cord (square & ridged) |
| Clear, Brown, Gold or Black
without tracer | Clear, Brown, Gold or Black
with tracer |
| Insulated wire (other than green)
with copper conductor | Insulated wire (other than green)
with silver conductor |

*Note: When parallel wires (SPT I & SPT II) are used. The neutral wire is square shaped or ridged and the other wire will be round in shape or smooth (see illus.)

Neutral Wire

FIG. 3

FIXTURE HOUSING

WIRING
COVER

10. Swing wire compartment cover towards fixture housing. Snap shut by applying pressure to cover in front of the lens tabs. A flat head screwdriver can be used to assist in passing the cover past the snap. (see Figure 3)
     CAUTION: Ensure that the wires are not pinched or damaged by any part of the metal housing.
11. Turn on power.

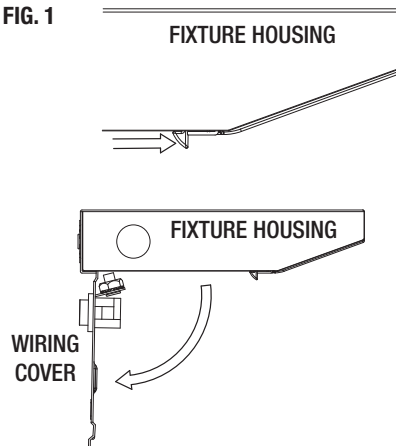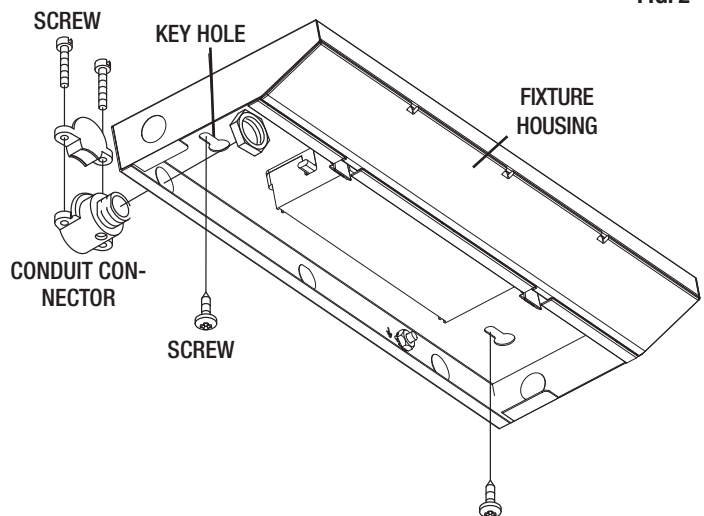**All dimmers perform differently. Initial lumen output and dimming range will vary according to brand and style.**

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