

IRONCLAD® GDA™

INSTALLATION INSTRUCTIONS



Two Person Installation

Contents:

- Ironclad® GDA Assembled LED fixture

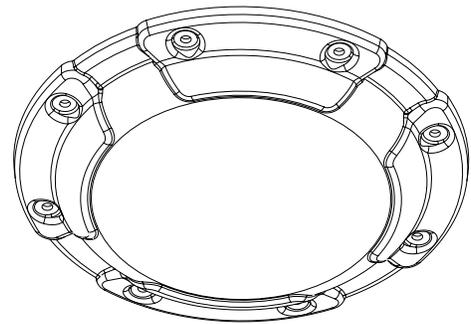
Tools/Materials Needed:

Not Included, but recommended

- Hammer drill
- 1/4" concrete bit for spike anchors
- 3/8" concrete bit for tamper-proof bolts
- Hammer (highly recommend using optional Spike Driver Installation tool in place of actual hammer)
- Setting tool for tamper-proof bolt anchors

Optional installation hardware

- (9) Spike concrete anchors (one spare)
- Tamper proof Torx 20 bolts
- Drop-in 1/4" x20 anchors
- Anchor setting tool



IMPORTANT: READ CAREFULLY BEFORE INSTALLING FIXTURE.

Must be wired in accordance with the National Electrical Code and all applicable local codes.

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

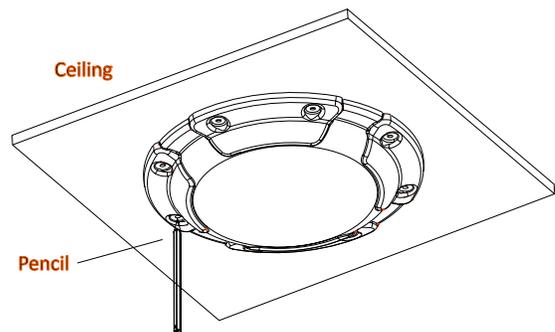
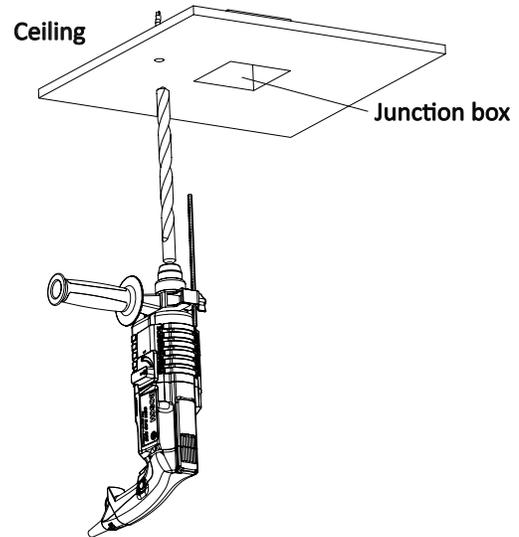
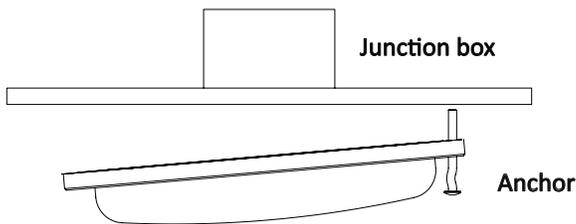
WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside. Cannot be upgraded or re-used after life of fixture.

MOUNTING FIXTURE TO CEILING:

1. Turn power off.
2. Place and center fixture up to junction box in ceiling.
3. Mark any hole position in the fixture on the ceiling using a pencil.
4. Move fixture and drill hole at marked location using a hammer drill and 1/4" concrete bit. For spike anchors, drill hole 2" deep and remove any dust in hole. For drop in anchors, drill 3/8" hole, minimum 1" deep.

INSTALLATION USING SPIKE ANCHORS

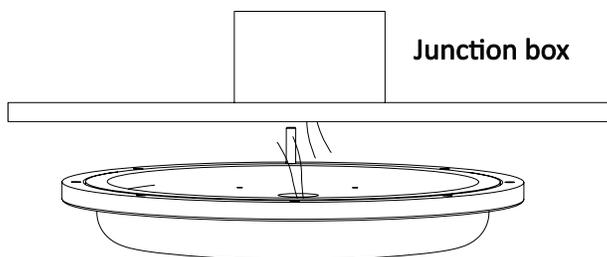
1. Position fixture back on ceiling and drive one spike anchor through the fixture hole and into the drilled ceiling hole. **Critical: Pound anchor (about 1/2") into ceiling just enough to hold fixture up.**
2. Ensure that power is OFF.
3. Proceed to wiring instructions.



WIRING INSTRUCTIONS

Make wire connections using approved NEC code connectors

1. Connect white wire from fixture to white neutral in junction box and connect black wire to black hot wire in junction box. Ground fixture using green wire. **Critical: Turn power ON and test fixture with wall switch to make sure fixture is working before completing installation.**
2. After confirming fixture powers on, position fixture centered in ceiling junction box and tuck all wires into junction box.
3. Peel brown back liner off of circular gasket on the back of fixture



WIRING INSTRUCTIONS CONTINUED:*If using Spike Anchors*

1. Drive the pre-installed spike anchor all the way to secure the fixture up to the ceiling.
2. Drill next hole across from installed spike anchor or bolt and repeat tightening process.
3. Continue drilling remaining 6 holes.
4. Drive all spike anchors or bolts securely.

If using Tamper-proof bolts

1. Place fixture up to pre-installed anchors and proceed to secure fixture to ceiling using (8) tamper-proof bolts.

Spike anchor installation