

Racquetball/Handball Court Fixture Installation Instructions for Plaster or Drywall Ceilings

These instructions apply to IS-HC fixtures produced after 10/1/2008

Important Safeguards

When Installing Electrical Equipment, Basic Safety Precautions Must Always Be Followed, including the following:

Do Not Use This Product For Other Than Intended Use.

Caution: Installation Must Be Performed By Qualified Service Personnel.

Installation Shall be done in accordance with the wiring methods given in the NEC, NFPA 70 Art. 410

Use of Accessory Equipment Not Recommended by the Manufacturer May Cause an Unsafe Condition.

Read and Follow All Instructional and Cautionary Labels Found On or In This Fixture.

Read and Follow All Safety Instructions

- 1) With fixture body resting face up on a stable surface, open doorframe and remove internal reflector and door hinge cables (if desired).
- 2) Select knockouts for supply connection.
- 3) Create the Supply entrance hole in the housing by removing the revealed knockout using a screwdriver.
- 4) Remove all debris from the inside of the fixture.
- 5) Prepare a mounting surface capable of reliably supporting more than the weight of the fixture according to applicable building codes.
- 6) Take care in creating the ceiling cutout, being sure that it is rectangular in shape and having right angles. Ceiling cutout size is found on each fixtures catalog page.
- 7) Note: Ceiling cutout must be reinforced from above using structural materials capable of supporting the fixtures weight under all loads
- 8) Rough in supply conduit and connections according to the NEC and local requirements using minimum 90C supply wiring materials.
- 9) (This task may require two service people.) Lift fixture into ceiling cutout and adjust toggle arms so that the swing arm is fully extended and overlaps the ceiling structural channels (by others).
- 10) After you are sure that all four toggle arms are supporting the fixture, tighten each toggle arm evenly, drawing the fixture up into the ceiling.
- 11) Complete wiring of supply and ground connections. Use only connectors and wire rated minimum 90C.
- 12) Remove any protective films from the reflective or outer surfaces as provided.
- 13) Replace reflector and secure by Pal-nuts provided.
- 14) Install only the rated lamps as marked on fixture.
- 15) Secure Doorframe hinge cables to housing using two studs and nuts provided.
- 16) Close and tightly secure doorframe using a screwdriver.
- 17) Energize fixture with rated voltage from a protected branch circuit.
- 18) Do Not Open or Service Fixture While Energized. Always Disconnect Power from supply before servicing.
- 19) Do Not Operate Fixture when damaged or not completely sealed.

**IS HC 2x4
Ceiling Cutout**

