

## **LiteHouse® Architectural Specifications**

### **Part 1 – General**

#### **1.0 Description of Work**

A. Types of Work: The types of work herein specified include the following:

1. Fire-rated recessed fixture enclosures.

#### **1.1 Qualifications**

A. All fire resistant recessed fixture enclosures shall be manufactured by Innovative Drywall Solutions, LLC unless otherwise indicated. All materials shall be installed in accordance with printed installation instructions by Innovative Drywall Solutions, LLC.

#### **1.2 Storage and Handling**

- A. Store materials inside, level, under cover. Keep dry. Protect from weather, other elements and damage from construction operations and other causes.
- B. Handle fixture enclosures to prevent damage to edges, ends or surfaces. Protect metal flange from being bent or damaged.

### **Part 2—Products**

#### **2.0 Materials — Innovative Drywall Solutions, LLC**

A. LiteHouse recessed light fixture enclosure.

#### **2.1 Light Fixtures**

General: Provide light fixtures bearing a UL Listing as indicated on the installation instructions.

### **Part 3—Execution**

#### **3.0 Installation**

##### **3.1 Installation of Fixture Enclosure**

- A. Place enclosure between floor/ceiling joists with bottom edge of flange flush with the bottom edge of the joists adjacent to the ceiling plane. Attach to joists using (4) 2” drywall screws evenly spaced 2 on each of the two sides of the enclosure that are against the joists.
- B. Feed electrical conduit and or wiring into the enclosure through a hole with a maximum diameter of 3/4” provided by electrician in the sidewall.
- C. Install light fixture as directed by manufacturer making sure that the bottom edge of the light fixture aligns with the bottom of the enclosure by fastening the light fixture to the metal tabs perpendicular to the gypsum wallboard ceiling. Positive contact of the

bottom of light fixture to the ceiling is required to ensure compliance with the UL Classification of the LiteHouse. Maximum light fixture diameter opening in the ceiling membrane shall not be greater than 6-13/16”.

- D. Fill any gaps in the wireway hole with a UL Classified Fill, Void, or Cavity Material (Firestop Sealant). Fill the gap on both the interior and exterior faces of the enclosure opening.
- E. Install gypsum wallboard ceiling as directed by manufacturer.
- F. Install lighting trim kit as directed by manufacturer.

**End of Section**