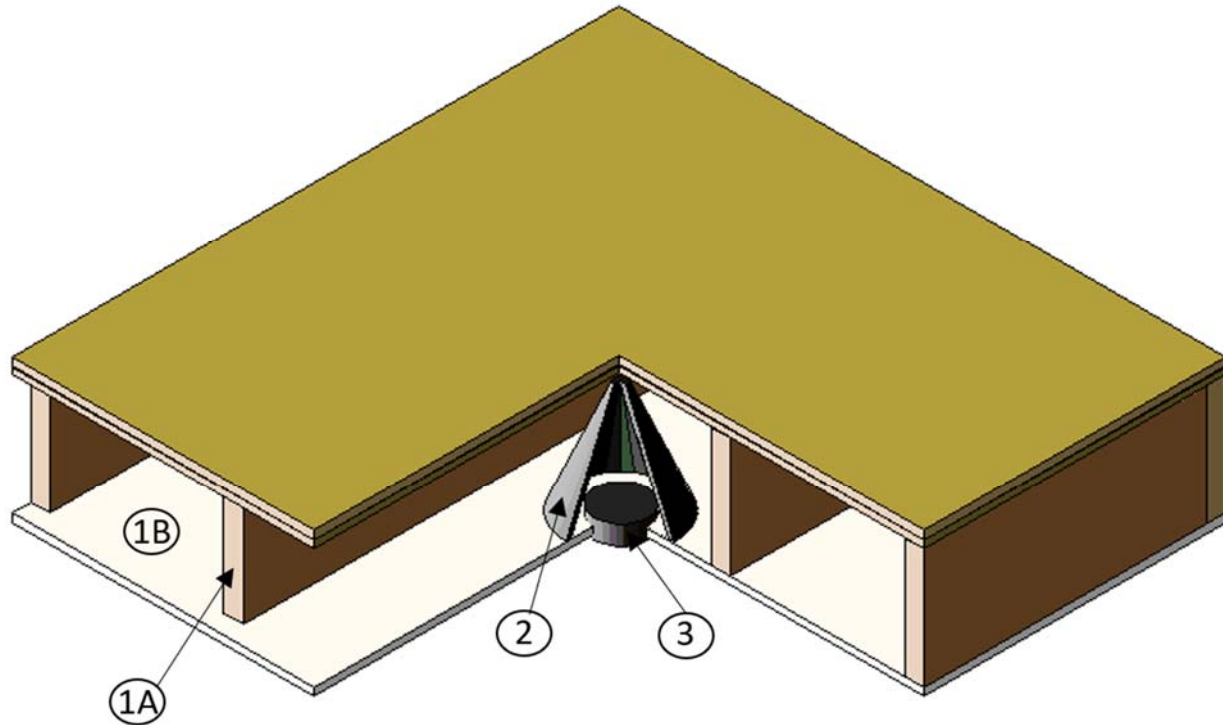


**Tenmat Inc.**  
**Design No. TEN/PF 60-02**  
**Recessed Light Cover**  
**Firefly 109 Recessed Light Cover**  
**CAN/ULC-S101**  
**Rating: 1 Hr**



**1. FLOOR/CEILING ASSEMBLY:** Use a one hour, CAN/ULC-S101 fire-resistance rated floor/ceiling assembly constructed in accordance with the material and construction specifications of the corresponding listed design and with the requirements listed below:

A. Framing – The following framing options may be used:

- Wood Joists
- Wood Trusses
- Steel Joists
- Steel Trusses
- Steel Furring Channels (if applicable)

- Steel Resilient Channels (if applicable)

B. Gypsum – Single layer of min. 5/8 in. thick proprietary Type X gypsum board secured to framing (Item 1A) members spaced max. 16 in. on center (oc).

**2. FIXTURE PROTECTION COVER:**

**CERTIFIED MANUFACTURER:** Tenmat Inc.

**CERTIFIED PRODUCT:** Firefly 109 Recessed Light Cover

**CERTIFIED MODEL:** FF109-200 and FF109-250



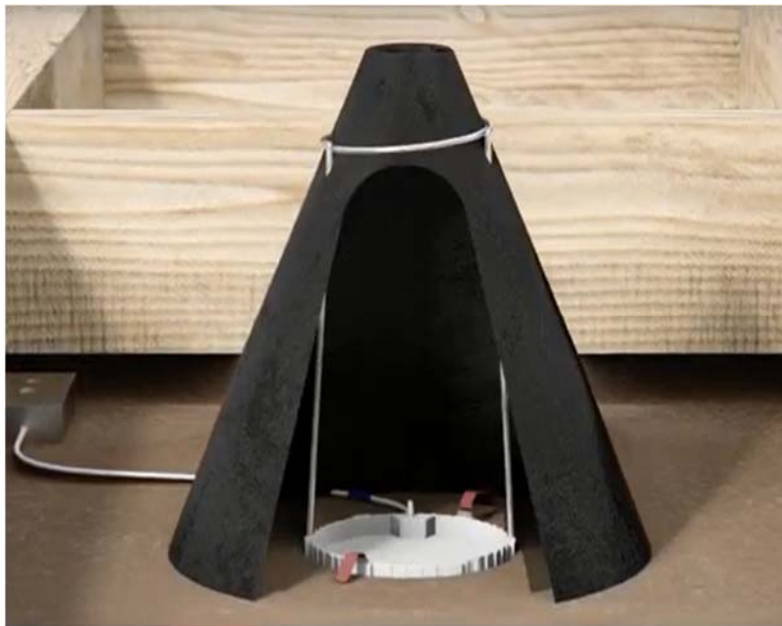
Install recessed light cover centered over max. opening of 4.2 in. diameter for FF109-200 and max. opening of 6.0 in. diameter for FF109-250. Openings shall be cut into the gypsum (Item 1B). Cover may be slit to fit over obstructions to allow cover to fit flush to the gypsum (Item 1B). Ensure there is no damage to the cover if slitting is required. Covers are equipped with a bronze wire coiled at the top of cover with two ends extending to the bottom on the inside of cover. Use the wire extensions to secure the cover to the gypsum (Item 1B) (See Figure 2). Install covers per the manufacturer's instructions with the following provisions:

- Max. four openings per 100 sq. ft.
- Min. 24 in. oc spacing for openings.

- Min. 1/4 in. gap space must be maintained between the top of the cover and underside of the floor.

**3. LUMINAIRE:** Install a low-profile LED downlight or LED wafer light per the manufacturer's instructions. LED fixture must be directly mounted and supported by gypsum (Item 1B) and meet the following requirements:

- I. Fixture must come with steel spring clips to secure into the gypsum membrane,
- II. Fixture must have an aluminum cast outer frame and a steel housing for the driver, if applicable,
- III. Weight of light fixture (including driver housing, if applicable) shall not exceed 1.34 lb.



**Figure 2. FF109-200 with Bronze Wire – Installation Example with LED fixture**

*Consult the listing report on the Directory of Building Products (<https://bpdirectory.intertek.com>) for the edition of the standard(s) evaluated.*