

# CDHWC.R25019 - Luminaires and Luminaire Assemblies Listed for Fire Resistance

## Luminaires and Luminaire Assemblies Listed for Fire Resistance

[See General Information for Luminaires and Luminaire Assemblies Listed for Fire Resistance](#)

### TENMAT INC

R25019

UNIT 5

23 COPPER DR

NEWPORT, DE 19804 USA

Type FF109 Fire Rated Recessed Light Cover luminaire enclosure for use over UL Listed IC-rated recessed incandescent, fluorescent or LED luminaires with housing 175 mm max. diam, 175 mm max. height (as measured from top of base), made from aluminum or painted or galv steel. Luminaires supported on a base 200 mm by 273 mm max., made from painted or galv steel and screw-attached to the fixture with min. three screws. Each luminaire with trim and lens weighs 1.72 kg max. Luminaire enclosure and luminaire installed in accordance with the accompanying instructions. Luminaire enclosure and luminaire for use in 1 hr fire rated L500- or M500-Series Floor-Ceiling designs having solid wood joists, open-web wood trusses or I-shaped wood joists on max 406.4 mm centers, wood flooring and a min 12.7 mm thick gypsum board ceiling. Number of luminaires not to exceed the ratio of one per 2.3 m<sup>2</sup> of total ceiling area with min separation of 0.92 m between luminaires.

Type FF109X Fire Rated Recessed Light Cover luminaire enclosure for use over UL Listed IC-rated recessed incandescent, fluorescent or LED luminaires with housing 165 mm max. diam, 178 mm max. height (as measured from top of base), made from aluminum or painted or galv steel. Luminaires supported on a base 191 mm by 254 mm max., made from painted or galv steel and screw-attached to the fixture. Each luminaire with trim and lens weighs 1.72 kg max. Luminaire enclosure and luminaire installed in accordance with the accompanying instructions. Luminaire enclosure and luminaire for use in maximum 2 hr fire rated D500-, G500-, I500-, L500 and M500-Series Floor-Ceiling designs and in maximum 1 hr fire rated R500-Series Roof-Ceiling designs. Number of luminaires not to exceed the ratio one per 2.3 m<sup>2</sup> of total ceiling area with min separation of 0.92 m between luminaires. Luminaire enclosure and luminaire for use in maximum 2 hr fire rated D200-, F200-, G200-, I200- and L200-Series Floor-Ceiling designs and in maximum 1 hr fire rated R200-Series Roof-Ceiling designs with nominal 610 mm by 610 mm or 610 mm by 1220 mm acoustical lay-in ceiling panels. Number of luminaires not to exceed the ratio of one per 2.3 m<sup>2</sup> of total ceiling area with min separation of 1.22 m between luminaires.

Type FF130 Series Fire Rated Troffer Cover luminaire enclosure for use as an alternate Fixture Protection for UL Listed fluorescent or UL-certified LED retrofitted recessed troffer light fixtures with steel housings in the following Designs for 1 hr max ratings: I211, L201, R210, R212, R214, R217, R220, R221, R222, R223 and R224. The recessed light fixture installation method and spacing requirements shall be as specified in the individual Design. Enclosure shall be installed in accordance with the accompanying instructions. A 13 mm clearance shall be maintained between the top, sides and ends of the fixture and the enclosure. For nominal 610 mm by 610 mm fixtures, a nominal 100 mm by 100 mm piece of mineral wool batt or acoustical material shall be placed on top of the fixture prior to installation. For nominal 610 mm by 1220 mm fixtures, two pieces shall be used, one on top of each end. The height of the fixture housing shall be limited such that it will not cause the bottom of the cover to lose contact with the ceiling tiles. End-to-end or side-by-side installation of fixtures has not been investigated. Type FF130-2'x2' and Type FF130-2'x4' enclosures for use with nominal 610 by 610 mm and 610 by 1220 mm recessed light fixtures, respectively. Type FF130-600x600mm and Type FF130-600x1200mm enclosures for use with nominal 600 by 600 mm and 600 by 1200 mm recessed light fixtures, respectively.

Last Updated on 2018-07-19

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2021 UL LLC"