

INSTALLATION INSTRUCTIONS

NOTES

- Installation should be completed by an individual familiar with the construction and operation of the luminaire.
- Installation of the luminaire must be in accordance with national and local building and electrical codes.
- Carefully read and follow all warnings and instructions before installing or servicing the luminaire.
- Instructions do not cover all details and all possible product configurations.
- Verify product dimensions from specification sheet.
- Do not restrict luminaire ventilation.
- Ensure LED luminaire is not covered with material that will prevent convection or conduction cooling.
- Do not exceed luminaire's maximum ambient temperature.
- Ensure LED luminaire has the correct polarity before installation.

WARNINGS

Electrical shock:

- Disconnect or turn off power before installing or servicing luminaire.
- All electrical wiring is to be completed by a qualified licensed electrician in accordance with the local and National Electrical Code.
- Ensure supply voltage corresponds with the correct ballast/driver voltage.
- Avoid exposing wiring to metal edges and sharp objects
- Ensure that the luminaire is properly grounded to prevent electric hazards.

Fire:

- Keep flammable and combustible materials away from the light source and/or lens.
- Use correctly rated supply conductors as indicated by product labeling.

Burn:

- Allow luminaire to cool before handling luminaire.

Personal Injury:

- Wear safety glasses and gloves when handling the luminaire to avoid physical injury.
- Avoid direct eye contact with light source.
- Always support the weight of the luminaire.

Manufacturers is not responsible for any injuries due to the improper installation or handling of its products.

CAUTION

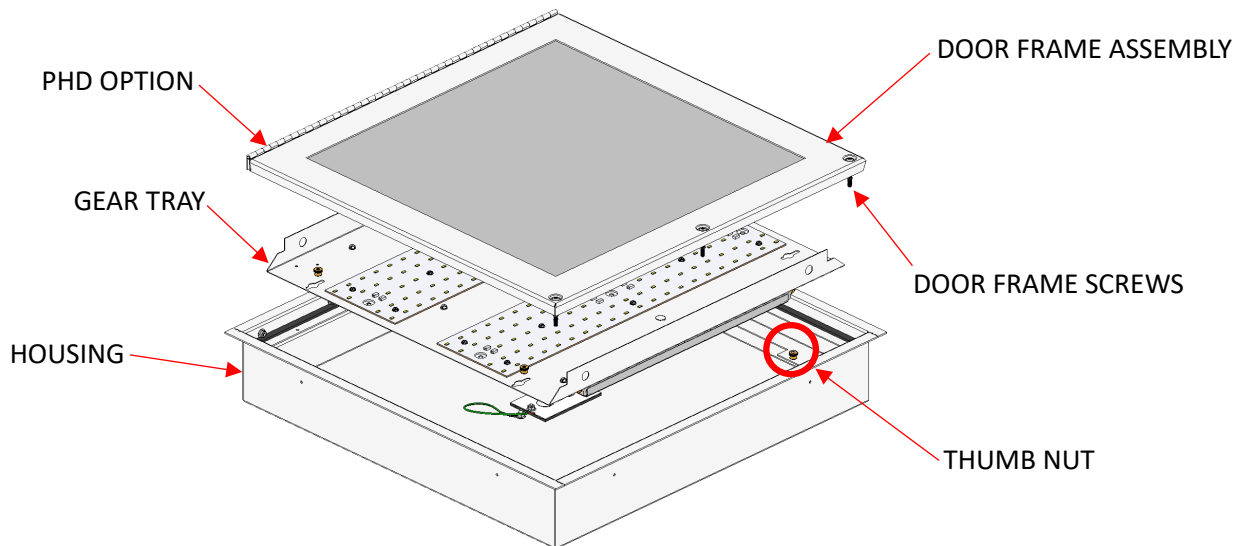
Care should be exercised when these fixtures are not installed immediately upon delivery, and if they are not put into service immediately after installation. Proper fixture performance and a "like new" appearance can only be assured if precautions are taken after fixtures arrive. If fixtures will be on site but uninstalled for any length of time, please follow these precautions to prevent damage to the fixtures:

Fixtures should be left palletized in the cardboard gaylord, in an indoor area. If the gaylord is opened, fixtures should be indoors to protect them from dirt and moisture. Care should be taken to protect edges of fixture from damage, because the damage to any painted surface will cause rust. Fixtures that are installed, but in an unoccupied area, can also be subject to dirt and moisture. Be aware that conduit runs can direct water inside a fixture through the junction box.

Depending on the location, weather in certain localities and certain times of the year can be especially damp. Fixtures in uncontrolled areas that are not in use will likely become covered with condensation. Even wet location rated products are not airtight, and moist air will get inside the fixture. This situation is most severe since the heat of the fixture cannot be used to dry out the fixture. This situation is not recommended and eventually rust may begin to form steel products. It is recommended that in these situations, the fixture housing be wrapped in a vented plastic bag and closed against the wall or ceiling. This will provide short-term protection for CRS products. Longer exposure (month or longer) to these conditions may require stainless steel housing and hardware.

INSTALLATION STEPS (MX-RTR)

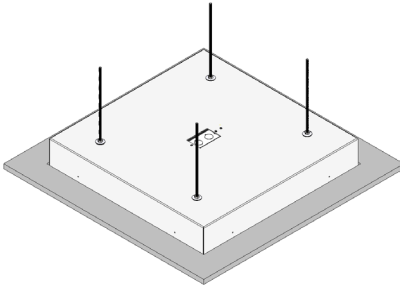
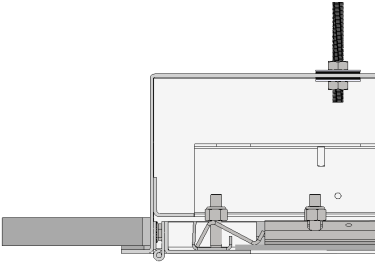
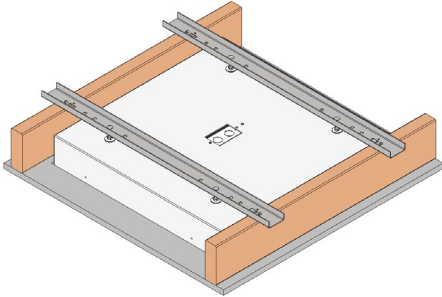
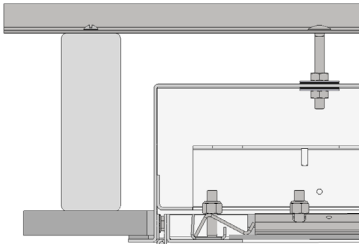
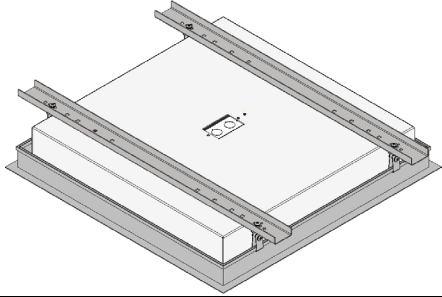
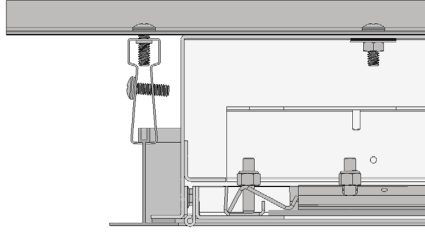
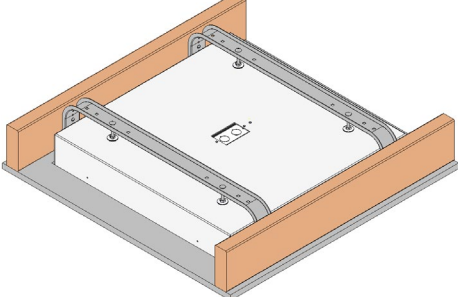
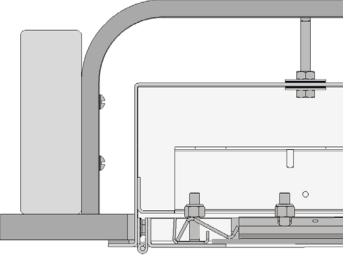
1. Review product spec sheet for ceiling cutout, mounting holes, and power entrance locations.
2. Review appropriate installation details in this documentation.
3. Ensure the mounting surface is suitable for supporting more than the weight of the luminaire.
4. Remove luminaire from the box and inspect for damage.
5. Using an appropriate tamper-proof tool, remove the screws around the perimeter of the doorframe and then remove the door frame and set aside.
6. Remove electrical gear tray by loosening the 4 thumb nuts and sliding through clearance holes then set aside.



7. Use all oblong mounting holes on the back of the housing to install the appropriate mounting hardware and make the connections to the supporting structure. Adjust height of fixture by adjusting nuts at the mounting hole locations.
8. With fixture housing installed, pull supply wires into luminaire through the supply access hole on rear of housing.
9. Remove the unwired side of the luminaire disconnect from the power supply and make the appropriate supply connections while maintaining polarity.
NOTE: Supply connection splices should be made in the junction box and not in the luminaire.
10. Connect the luminaire green ground wire to a suitable ground supply wire.
11. Connect the luminaire disconnect back together, re-install electrical gear tray, and secure in place using the installed thumb nuts.
12. Begin installing door frame back on housing by first aligning and then loosely tightening the perimeter fasteners. When all door frame screws have been aligned into the mating housing nuts, installation of the door can be completed by fully tightening the door frame fasteners.
13. Energize the luminaire and inspect for any defects or failures.

NOTE: For Wet Location applications, check gasket for proper seal between housing and doorframe. To ensure the fixtures watertight integrity, especially if the fixture is mounted in direct exposure to the moisture, caulk between the mounting surface and housing using a high-quality caulking material suitable for the application.

CEILING INSTALLATION DETAILS

RTR	RTR SECTIONAL DETAIL	INCLUDED HARDWARE
		NONE
RCB	RCB SECTIONAL DETAIL	INCLUDED HARDWARE
		<ul style="list-style-type: none"> • CROSSBAR MTG. BRACKET • CARRIAGE BOLTS • WASHERS • HEX NUTS
RGC	RGC SECTIONAL DETAIL	INCLUDED HARDWARE
		<ul style="list-style-type: none"> • CROSSBAR MTG. BRACKETS • GRID CLIPS • SCREWS • WASHERS • HEX NUTS
RYK	RYK SECTIONAL DETAIL	INCLUDED HARDWARE
		<ul style="list-style-type: none"> • YOKE MTG. BRACKETS • CARRIAGE BOLTS • WASHERS • HEX NUTS