



INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS

240 FRONT ACCESS EMERGENCY FLUORESCENT LIGHTING FIXTURES

IMPORTANT SAFEGUARDS READ AND FOLLOW ALL SAFETY INSTRUCTIONS BEFORE INSTALLING THIS FIXTURE

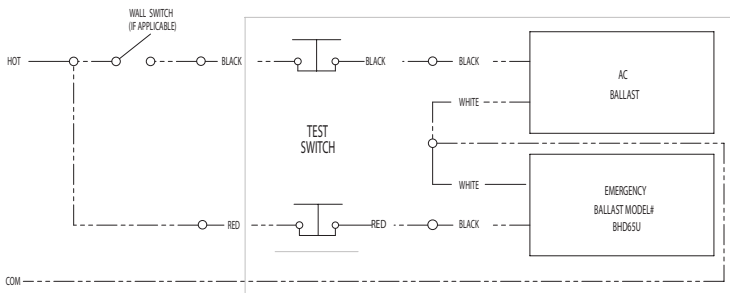
1. Check area to make sure hazardous atmosphere is not present before activating the emergency test switch. DO NOT activate the test switch if the atmosphere is hazardous.
2. TO REDUCE RISK OF FIRE OR EXPLOSION, DO NOT INSTALL WHERE THE MARKED OPERATING TEMPERATURE EXCEEDS THE IGNITION TEMPERATURE OF THE HAZARDOUS ATMOSPHERE(S).
3. This fixture should be installed by qualified technicians in strict accordance with the National Electrical Code and any local requirements.
4. To prevent ignition of hazardous atmosphere, disconnect fixture from the supply circuit before opening. Keep tightly closed when in operation. **When AC power is disconnected, the emergency ballast output will be live.**
5. To prevent high voltage from being present on the emergency ballast output leads (red and white), do not join the battery connector until installation is complete and AC power is supplied to the fixture.
6. The emergency ballast inside this fixture requires an unswitched AC power source of 120-277V 50/60Hz.
7. To prevent the risk of electrical shock deactivate/disconnect both normal power and emergency power supplies and battery connector before installing, servicing or relamping fixture.
8. Do not attempt to service the battery inside the emergency ballast of this fixture. The emergency ballast incorporates a sealed, no maintenance battery that is not field replaceable. Contact LDPI for factory replacement.
9. Do not mount near gas or electric heaters.
10. Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
11. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
12. Do not use this luminaire for other than intended use.

SAVE THESE INSTRUCTIONS

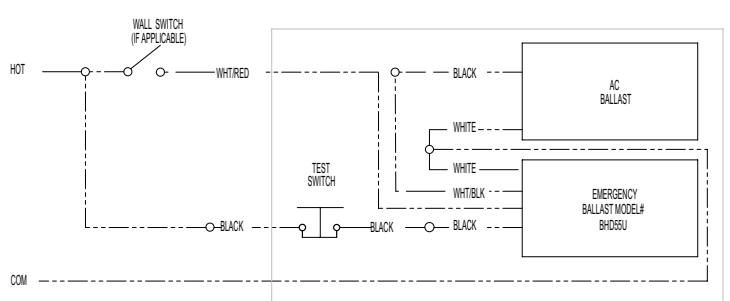
1. Before installing, make sure that the necessary branch circuit wiring is available. The Emergency Ballast in this fixture requires an unswitched source of power and must be fed from the same branch circuit as the AC ballast; therefore, in switched fixtures the Emergency Ballast must be connected ahead of any local switching. Check the fixture label to insure correct voltage and frequency.
2. The ballast in this fixture is designed to operate on grounded neutral systems only.
3. After installation is complete, supply AC power to the fixture, and join the battery connector.
4. A short-term discharge test may be conducted after the Emergency Ballast has been charging for ½ hour. Charge for one week before conducting a long-term discharge test.
5. Typical 240 Series fixture installations are shown on page 3.
6. Wire fixture through hub(s) and install ½" plug(s) on unused conduit hub(s).

Note: Lubricate all threads with petrolatum.

EMERGENCY TEST SWITCH WIRING SCHEMATIC FOR INSTANT/RAPID START BALLASTS.



EMERGENCY TEST SWITCH WIRING SCHEMATIC FOR PROGRAM/RAPID START BALLASTS.



OPERATIONAL DATA

1. Operate this fixture at its rated voltage. See fixture label for data.
2. When AC power is applied, the charge indicator light is illuminated, indicating that the battery is being charged. When power fails, the Emergency Ballast within this fixture switches to emergency power, operating 1 lamp at reduced illumination for at least 90 minutes.

MAINTENANCE DATA

1. Although no routine maintenance is required to keep this fixture functional, it should be checked periodically to ensure that it is working properly, and to look for any external damage.

The following schedule is recommended:

- a. Visually inspect the charging indicator light monthly. It should be illuminated.
 - b. Test the emergency operation of the fixture once every three months.
One lamp should operate at reduced illumination
 - c. Conduct a 90-minute discharge test once a year.
1 lamp should operate at reduced illumination for at least 90 minutes
2. For optimum performance, keep light transmission parts of fixture clean.
Any commercial glass cleaner can be used to clean the glass.
 3. To Relamp: disconnect supply circuit. Lift and turn each latch handle.
Move each slide catch from glass frame keeper.
The glass frame will swing open. Replace old lamp with new lamp. Close glass frame.
Move each slide catch over glass frame keeper. Turn and push down each latch handle to seal glass frame.
 4. In the event of glass breakage, it will be necessary to replace the damaged glass frame assy, in order to maintain the integrity of the fixture.

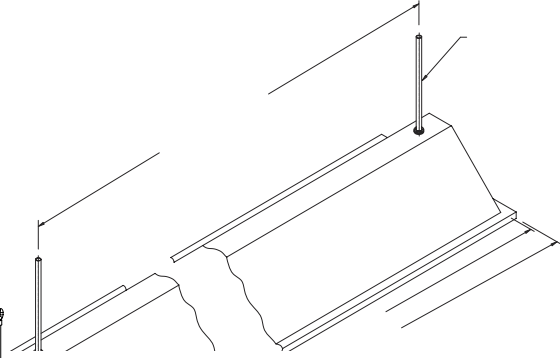
TYPICAL 240 INSTALLATIONS

PENDANT STYLE MOUNTING

NOTE: Conduit provided by others

Fixture suspended with 1/2" electrical conduit using top hubs on fixture at both ends.

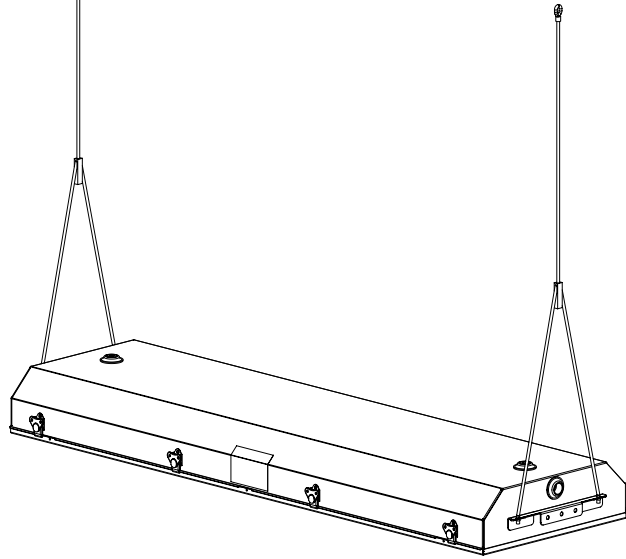
45" between conduit



CABLE HANG KIT

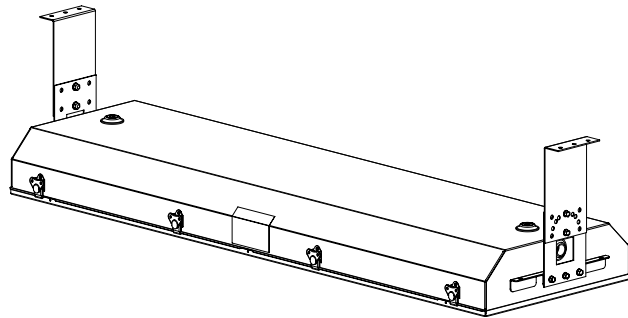
Part Number: (6875 zinc coated)
and (6875SS stainless steel)
QTY 2 cables with toggle ends
and QTY 2 self locking gripples

52 1/4" between chains



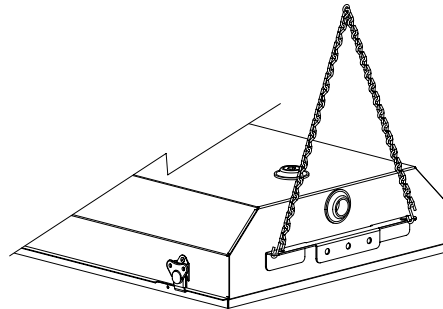
ADJUSTABLE SURFACE MOUNTING BRACKET KIT

Adjustable Surface Mounting Bracket Kit
Part Number: (6856 galvanized)
and (6856SS stainless steel)
Bracket attachment point for optional mounting methods

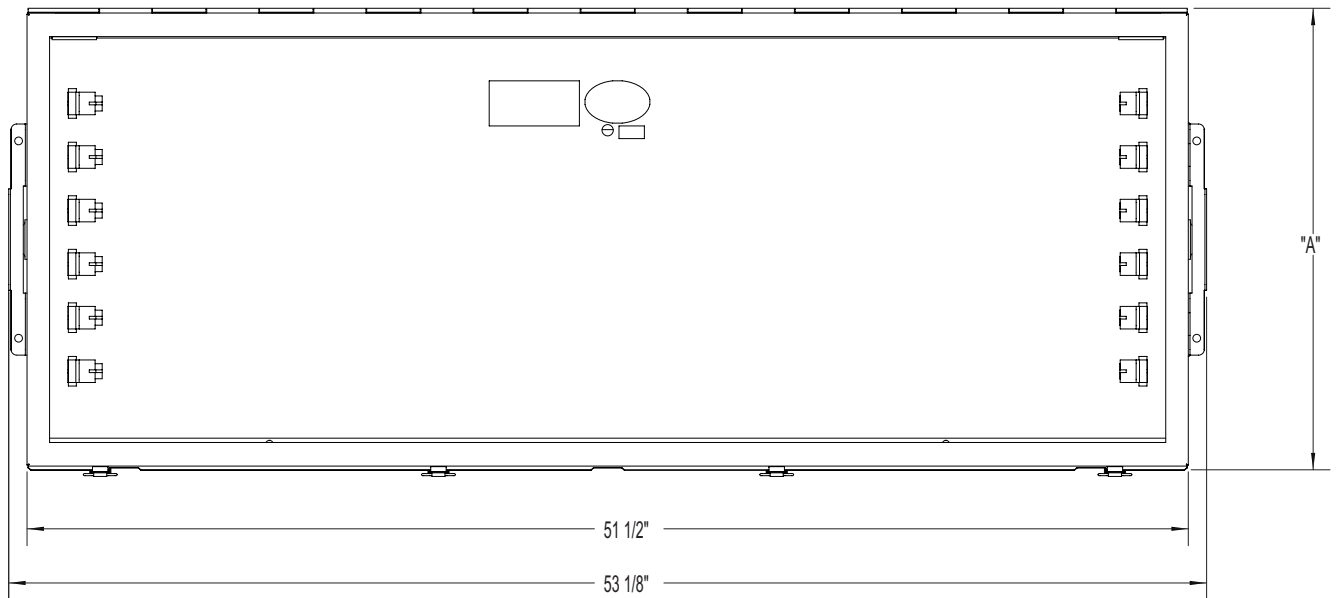
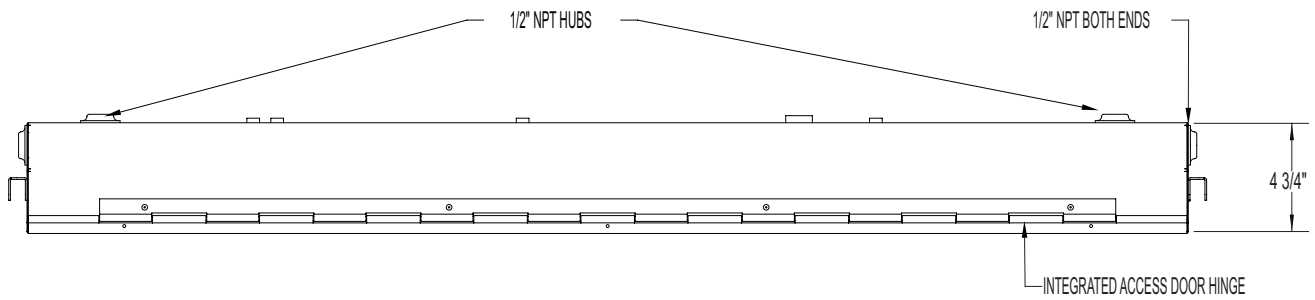
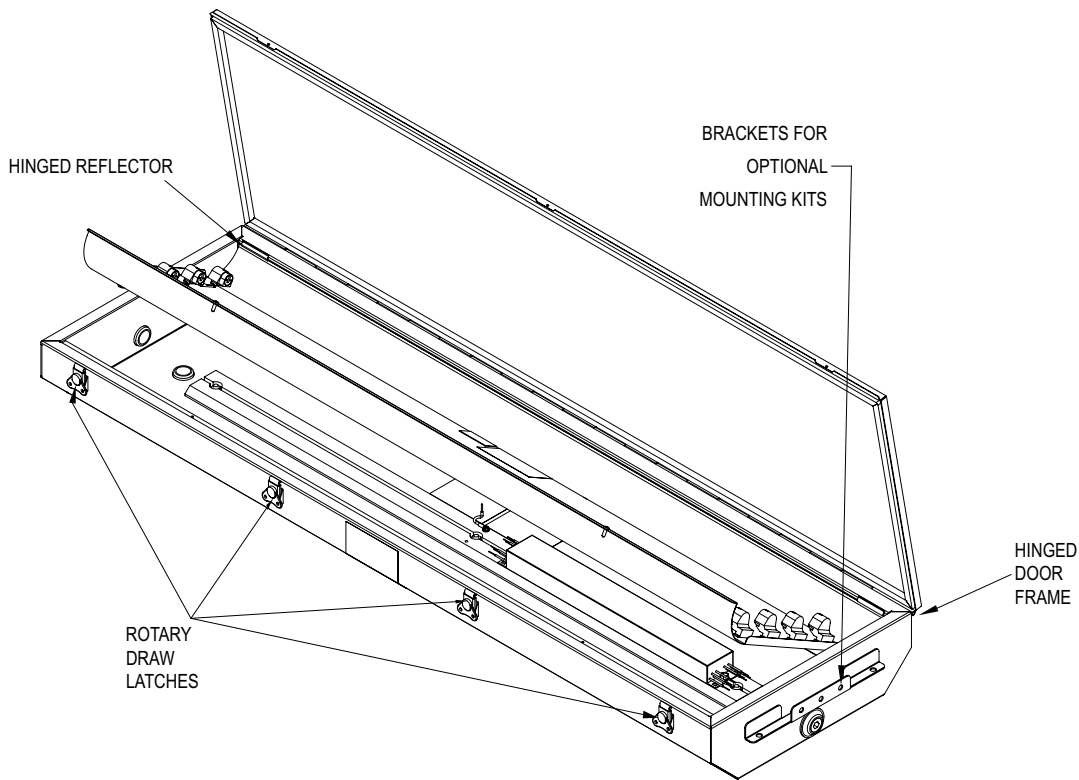


CHAIN HANG KIT

Chain Hang Kit
Part Number: (7979)



THERE IS A NUMBER OF MOUNTING METHODS THAT ARE NOT SHOWN.



"A"

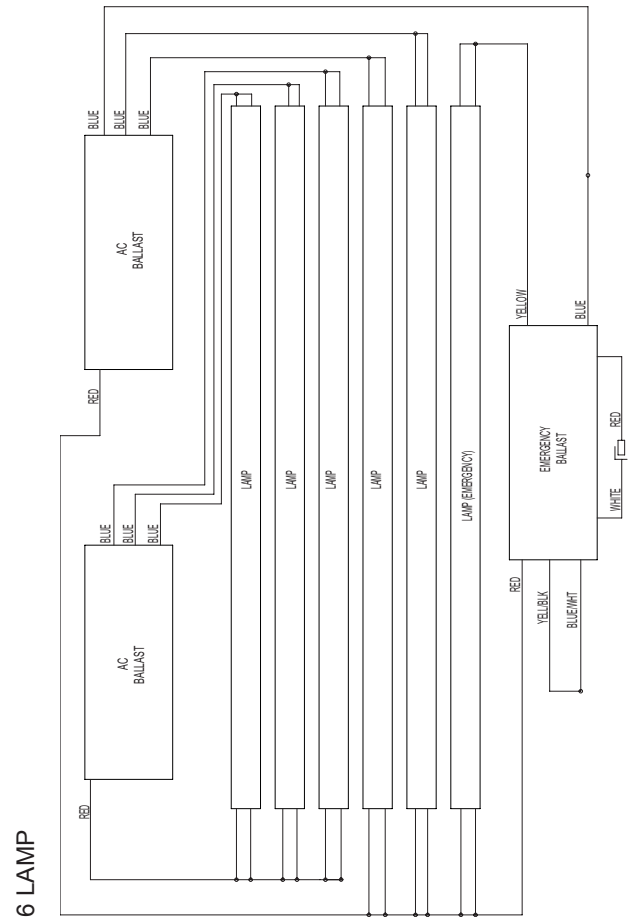
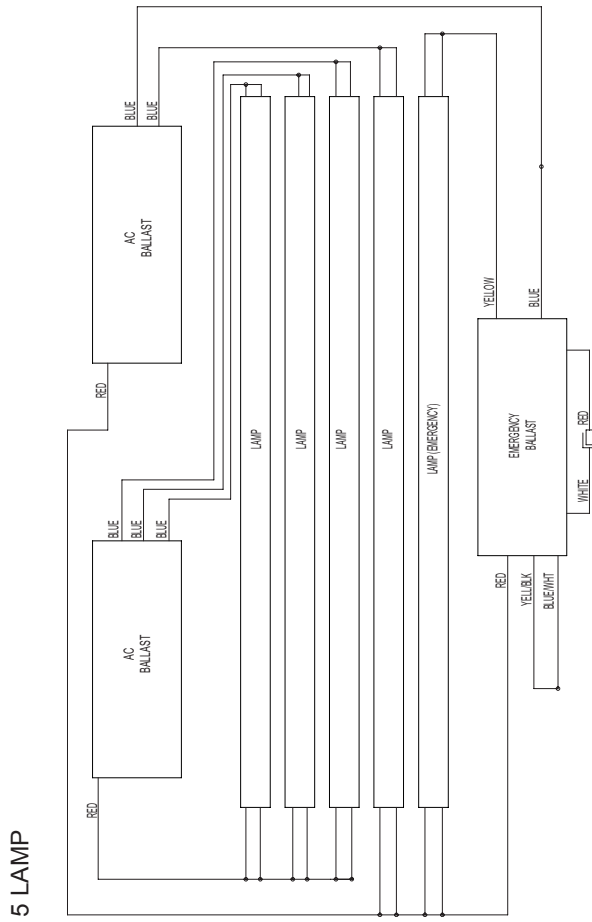
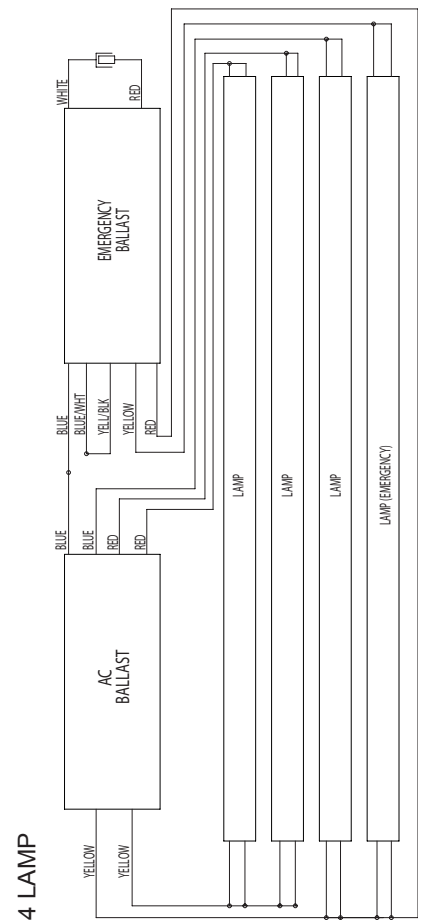
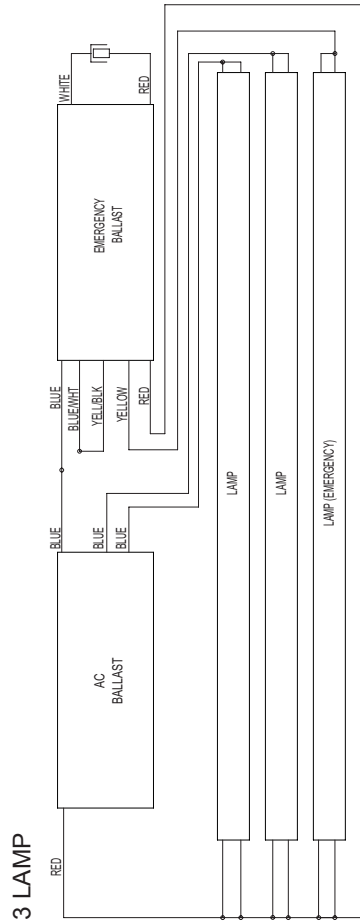
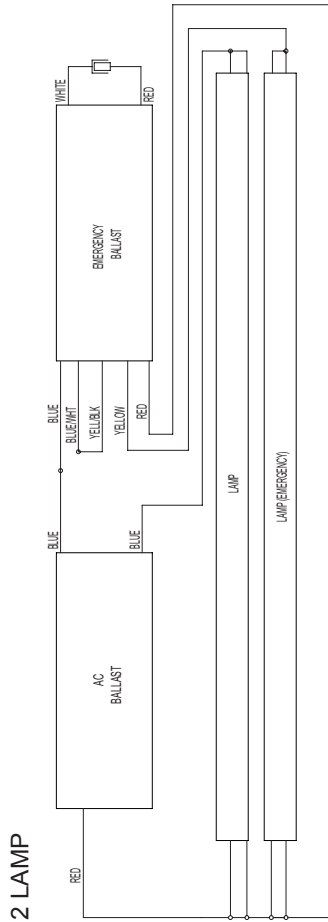
2 Lamp: 12 3/16"

3 & 4 Lamp: 16 3/16"

5 & 6 Lamp: 20 11/16"

WIRING SCHEMATIC FOR INSTANT START BALLASTS

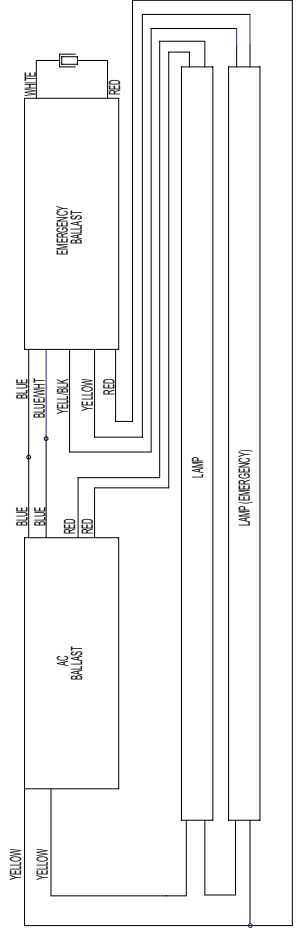
NOTE: REFER TO DIAGRAM ON BALLAST FOR SPECIFIC WIRING DETAILS;
 THIS FIXTURE SHOULD BE INSTALLED BY QUALIFIED TECHNICIANS IN STRICT ACCORDANCE WITH
 NATIONAL ELECTRIC CODE AND ANY LOCAL REQUIREMENTS.



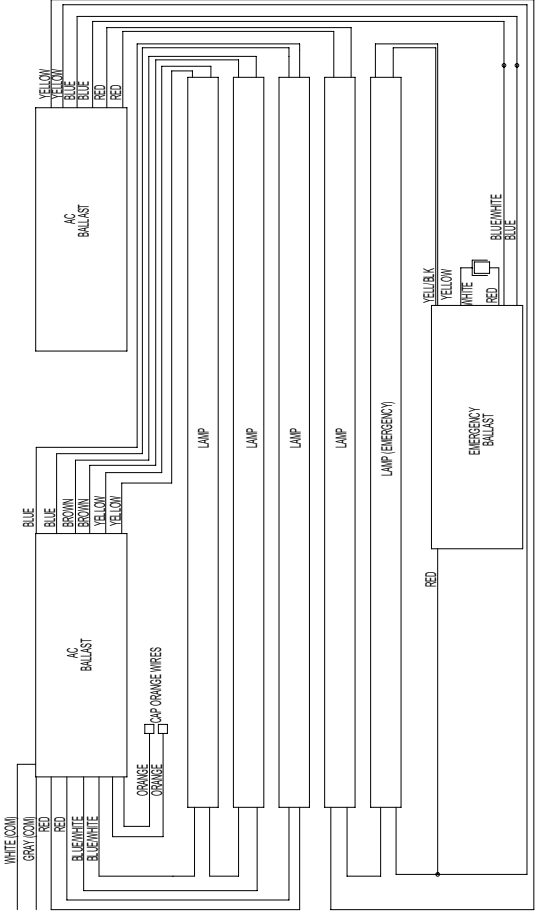
WIRING SCHEMATIC FOR PROGRAM / RAPID START BALLASTS

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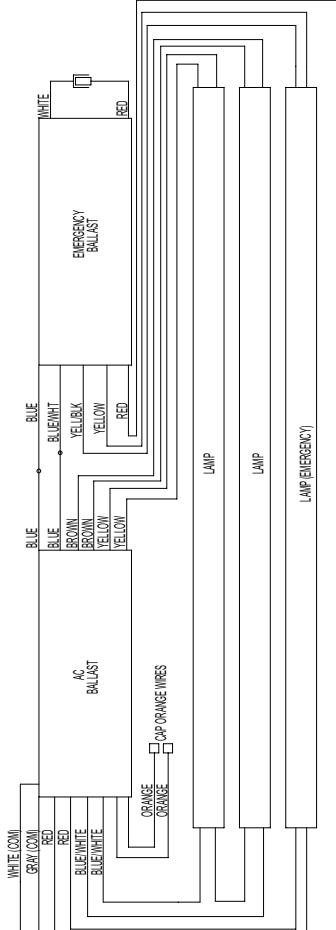
2 LAMP



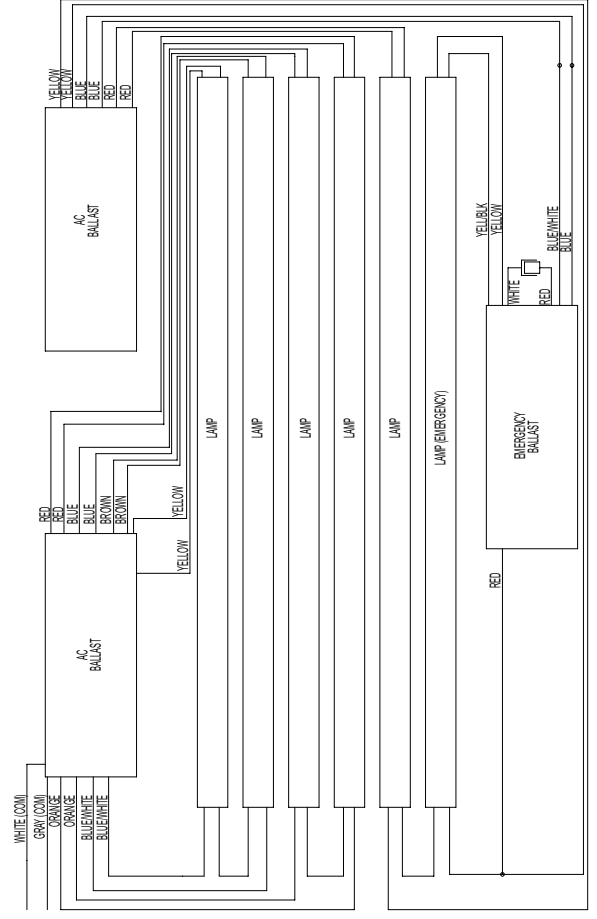
5 LAMP



3 LAMP



6 LAMP



4 LAMP

