

RECESSED EMERGENCY FIXTURE WIRING, OPERATING AND TESTING INSTRUCTIONS - SAVE THESE INSTRUCTIONS

NOTE: THESE INSTRUCTIONS ARE TO BE USED IN CONJUNCTION WITH THE LINEAR DOWNLIGHT INSTALLATION INSTRUCTIONS (INSTR 0007). DISREGARD STEP 8 OF THOSE INSTRUCTIONS, AND, INSTEAD FOLLOW THE INSTRUCTIONS BELOW.

The following list of **WARNINGS** is to be used in addition to those **WARNINGS** provided with the Downlight Installation Instructions!

WARNING: Do not use in heated air plenums.

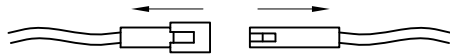
WARNING: Do not install near gas or electric heaters.

WARNING: To prevent electrical shock do not mate white connector until installation is complete AND AC power has been applied.

WARNING: Emergency driver is a sealed unit. No user serviceable parts are inside.

INSTALLATION

1) Uncouple the white connector located inside the fixture lamp housing (if not already uncoupled).



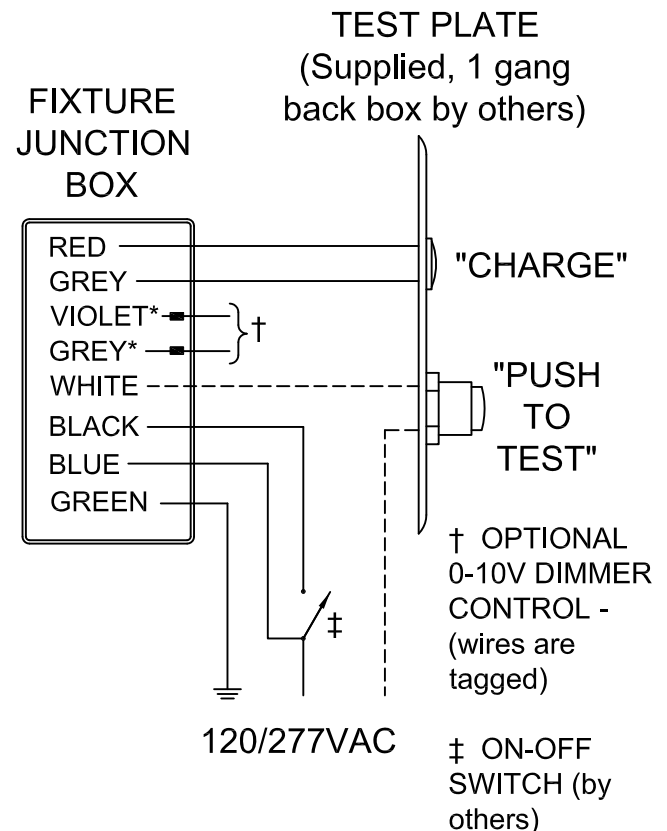
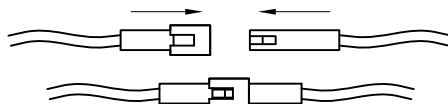
2) Remove the fixture junction box cover and make all electrical connections (alternate wiring diagram on next page).

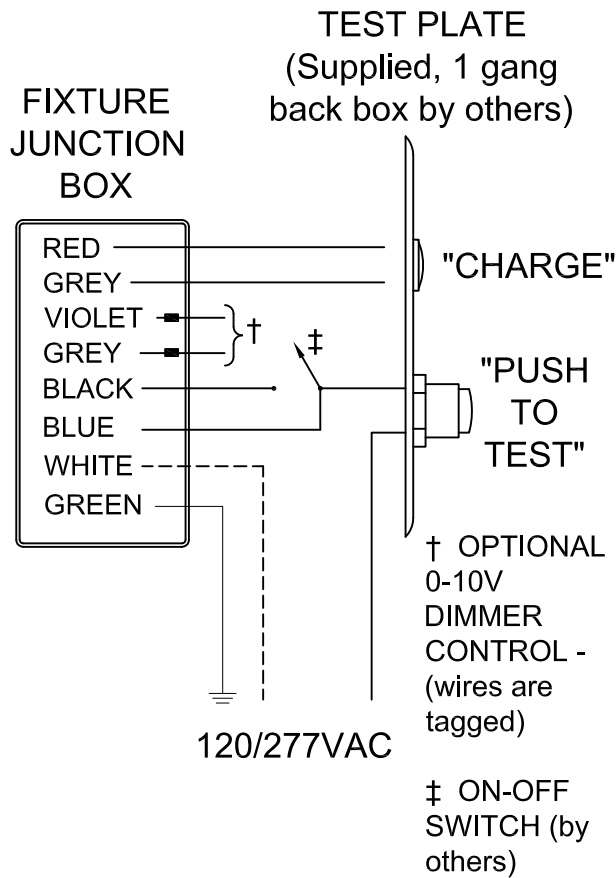
RED to RED from "CHARGE" LAMP,
 GREY to GREY from "CHARGE" LAMP,
 WHITE to NEUTRAL (through "TEST" BUTTON),
 BLACK to SWITCHED HOT *,
 BLUE to CONSTANT HOT *,
 GREEN to GROUND
 and, if required for 0-10V dimming,
 VIOLET ** to [+] (usually violet),
 GREY ** to [-] (usually grey).

* MUST BE SUPPLIED BY SAME OVERCURRENT PROTECTION DEVICE!

** TAGGED

3) After installation is complete AND AC power has been applied, mate the white connector located inside the fixture lamp housing.





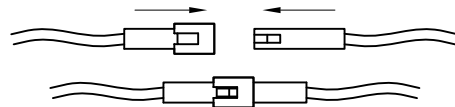
2) Alternate wiring diagram.

RED to RED from "CHARGE" LAMP,
GREY to GREY from "CHARGE" LAMP,
WHITE to NEUTRAL (through "TEST" BUTTON),
BLACK to SWITCHED HOT *;
BLUE to CONSTANT HOT *;
GREEN to GROUND
and, if required for 0-10V dimming,
VIOLET ** to [+] (usually violet),
GREY ** to [-] (usually grey).

* MUST BE SUPPLIED BY SAME OVERCURRENT PROTECTION DEVICE!

** TAGGED

3) After installation is complete AND AC power has been applied, mate the white connector located inside the fixture lamp housing.



OPERATION

Normal Mode: AC Power is present. The emergency driver is charging in standby mode. The "CHARGE" lamp will be lit, indicating that AC Power is being supplied to the fixture.

Emergency Mode: In the event of AC power loss, the emergency driver switches to Emergency Mode and operates the fixture for at least 90 minutes.

TESTING

Pushing the "TEST" button will simulate an AC power loss condition, and the fixture will switch to Emergency Mode. Release the "TEST" button to return to Normal Mode. For initial testing, allow the emergency driver to charge for at least one hour, then conduct a short AC power loss test. Tests longer than 30 minutes require switching off the overcurrent protection, usually a circuit breaker. Allow for a 24 hour charge before conducting a one hour test.

NFPA 101, Life Safety Code (2015,2018) outlines the following schedule:

Monthly - Functional testing shall be conducted monthly, with a minimum of 3 weeks and a maximum of 5 weeks between tests, for not less than 30 seconds. The test interval shall be permitted to be extended beyond 30 days with the approval of the authority having jurisdiction. The lighting fixture shall be fully operational for the duration of the test.

Annually - Functional testing shall be conducted annually for a minimum of 90 minutes. The lighting fixture shall be fully operational for the duration of the test.

NFPA 101, Life Safety Code (2015,2018) states: "Written records of visual inspections and tests shall be kept by the owner for inspection by the authority having jurisdiction."