

INSTALLATION
INSTRUCTIONS

FIXTURE TYPE _____

BRANCH CIRCUIT WIRING
PUSH-IN CONNECTIONS

P/C 510401-2000

DATE: 9-28-05

PG. 1 OF 1

DO NOT MODIFY OR ALTER THIS PRODUCT IN ANY WAY, OR INSTALL IN ANY FASHION WHICH IS CONTRARY TO THE INSTRUCTIONS CONTAINED HEREIN. IF YOU HAVE ANY QUESTIONS REGARDING THIS PRODUCT OR THE INSTALLATION OF IT, PLEASE CALL LITECONTROL ENGINEERING AT 781-294-0100.

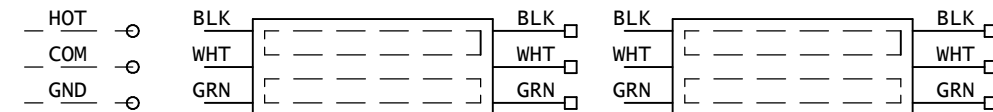
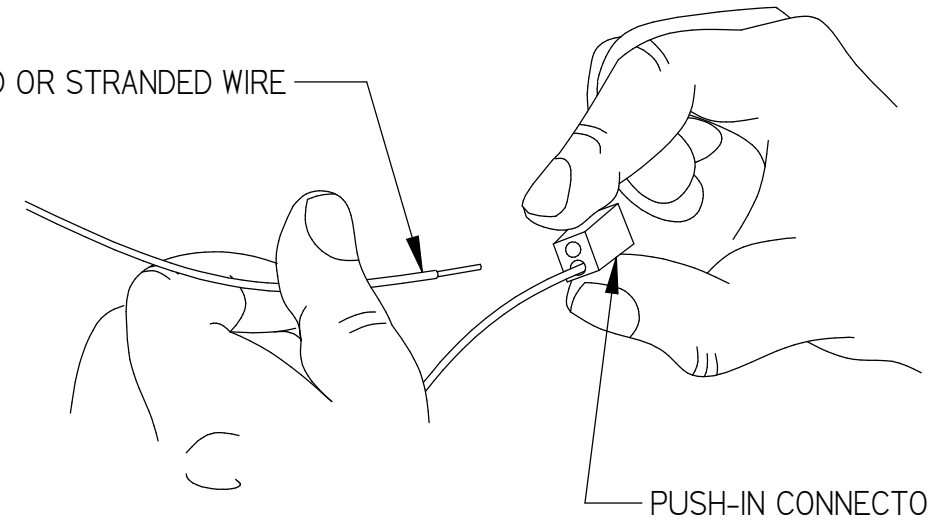
GENERAL NOTES:

- Fixtures are supplied with #12 AWG type THHN solid or stranded wire for branch circuits and will extend out each end of fixture approximately 12".
Push-in connectors will be supplied attached to circuit wires at one end of fixture and at other end, the circuit wires shall have the ends stripped back.
- Single Circuit wiring (1CWQ) will have:
 - (1) black lead wired to ballast(s) black lead for connection to "HOT" feed.
 - (1) white lead wired to ballast(s) white lead for connection to "COMMON" feed.
 - (1) green lead bonded to fixture for connection to "GROUND" feed.
- Two Circuit wiring (2CWQ) will have:
 - (1) black lead wired to ballast(s) black lead for connection to "HOT" feed of one switch leg of circuit.
 - (1) red lead wired to ballast(s) black lead for connection to "HOT" feed of other switch leg of circuit.
 - (1) white lead wired to ballast(s) white leads for connection to "COMMON" feed.
 - (1) green lead bonded to fixture for connection to "GROUND" feed.
- Use stripped end of circuit wiring at feed points.
Note: All unused leads must be capped off if there is no connector attached.
- Rated ampacity of feed cords provided by "Litecontrol" shall be the limiting factor in the number of fixtures that can be fed from a single cord.
- These branch circuit connections do not provide for those installations where special circuits within the fixtures are involved such as night/emergency, dimming control leads, light level sensors or Master/Slave fixtures.
The installing electrical contractor will furnish and install the branch circuit wiring for those fixtures required by the specific situation.

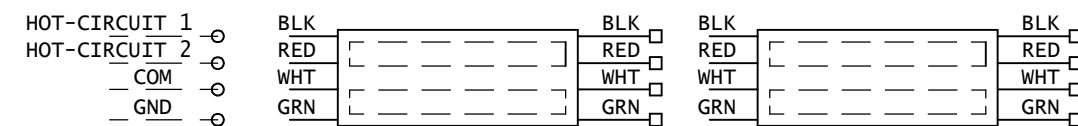
INSTRUCTIONS: Refer to wiring diagrams.

- Fixtures must be arranged within a row so that the leads with push-in connector mates with stripped lead end of adjacent fixture.
- Install fixtures per its applicable Instruction sheet.
- Insert stripped end wire lead into its corresponding color wire with push-in connector, then push wiring back into hole or opening in fixture end header.

#12 AWG SOLID OR STRANDED WIRE



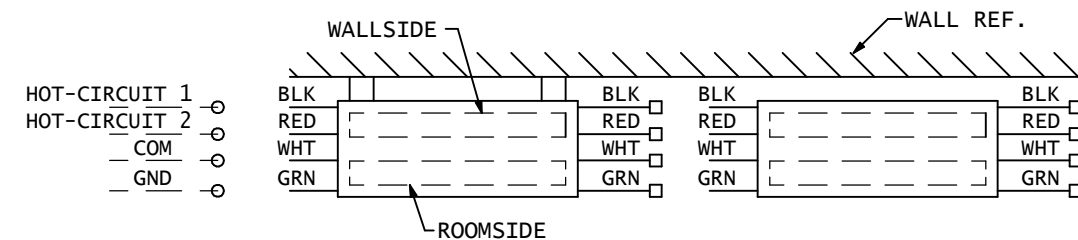
SINGLE CIRCUIT (1CWQ)



TWO CIRCUIT (2CWQ)

TWO-CIRCUIT NOTE:

2-LAMP CROSS SECTION FIXTURES ARE FACTORY WIRED TO HAVE BLACK LEADS OPERATE LAMP(S) ALONG ONE SIDE OF FIXTURE AND RED LEADS OPERATE LAMP(S) ALONG OPPOSITE SIDE OF FIXTURE.
3 & 4 LAMP CROSS SECTION FIXTURES ARE FACTORY WIRED TO HAVE BLACK LEADS OPERATE OUTER LAMPS AND RED LEADS OPERATE INNER LAMPS.



TWO CIRCUIT (2CWQ)
WALL MOUNTED FIXTURES

TWO CIRCUIT NOTES:

WALL MOUNTED FIXTURES ARE FACTORY WIRED TO HAVE BLACK LEADS OPERATE LAMP(S) ALONG WALLSIDE OF FIXTURE AND RED LEADS OPERATE LAMP(S) ALONG ROOMSIDE OF FIXTURE.

FOR W-ID-4600/66N00, P-ID-4600/66N00, W-AID-4600/66N00, P-ID-5500, AND G-D-1000 FIXTURES, THE BLACK LEADS ARE FACTORY WIRED TO OPERATE THE LOWER LAMPS AND THE RED LEADS ARE WIRED TO OPERATE THE UPPER LAMPS.

LEGEND

- PUSH-IN CONNECTOR
- ⊞ ⊞ ⊞ LAMP (BY OTHERS)
- WIRENUT (FIELD INSTALLED)