

# Power Sentry Field Install



## Wiring Diagram & Instructions - PS30250 Two Boards in Parallel

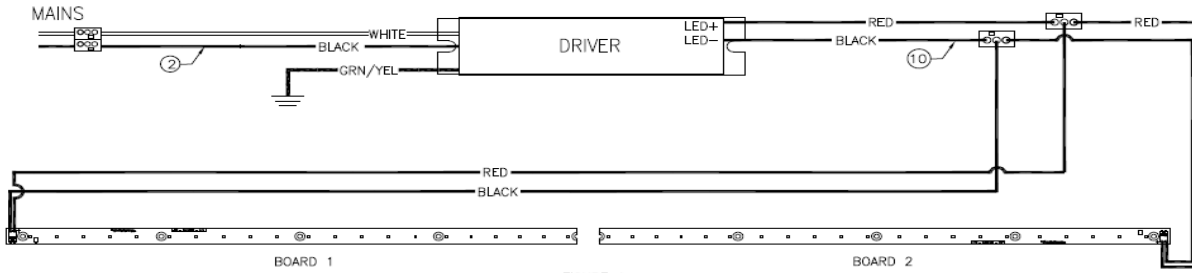


FIGURE 1

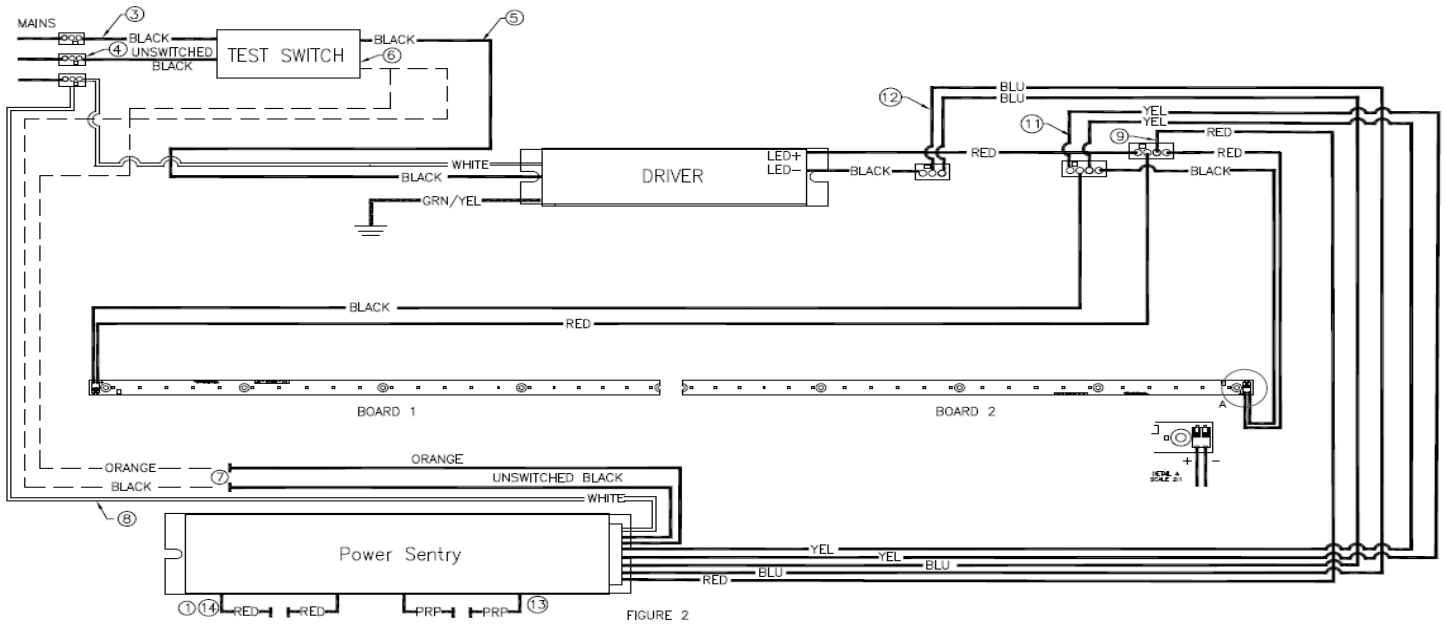


FIGURE 2

### Field Install Instructions \*

1. Disconnect Battery Enable connector (RED wires with mating connectors)
2. Disconnect Driver Line input from Mains
3. Connect Mains Line to Test Switch
4. Connect Un-switched Line to Test Switch (Line input to Power Sentry must be un-switched)
5. Connect Test Switch output (Mains Line) to Driver
6. Connect Test Switch output (Un-switched Line) to Power Sentry (BLACK for 120V, ORANGE for 277V)
7. Cap unused Power Sentry Un-switched Line input wire
8. Connect Mains Neutral to Power Sentry WHITE
9. Connect Power Sentry RED wire to wire nut with Driver LED (+) (in this example RED)  
(An additional or larger wire nut may be required)
10. Remove Driver LED (-) wire from wire nut (in this example BLACK)
11. Connect Power Sentry YEL wires to wire nut with LED Board (-)  
(An additional or larger wire nut may be required)
12. Connect Power Sentry BLU wires to wire nut with Driver LED (-) (in this example BLACK)  
(An additional or larger wire nut may be required)
13. **Ensure PURPLE wires are not connected**
14. Connect Battery Enable connector (RED wires with mating connectors)

**\*SEE LAST PAGE FOR MOUNTING OPTIONS AND PLACEMENT**

See appropriate Power Sentry Installation Instructions for applicable warnings and precautions

# Power Sentry Field Install

Wiring Diagram & Instructions - PS30250 Two Boards in Series, Two Boards in Parallel

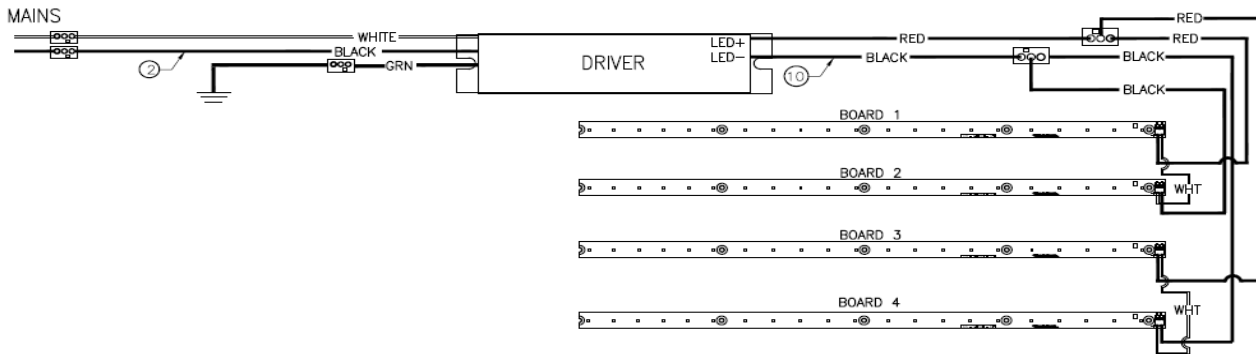


FIGURE 1

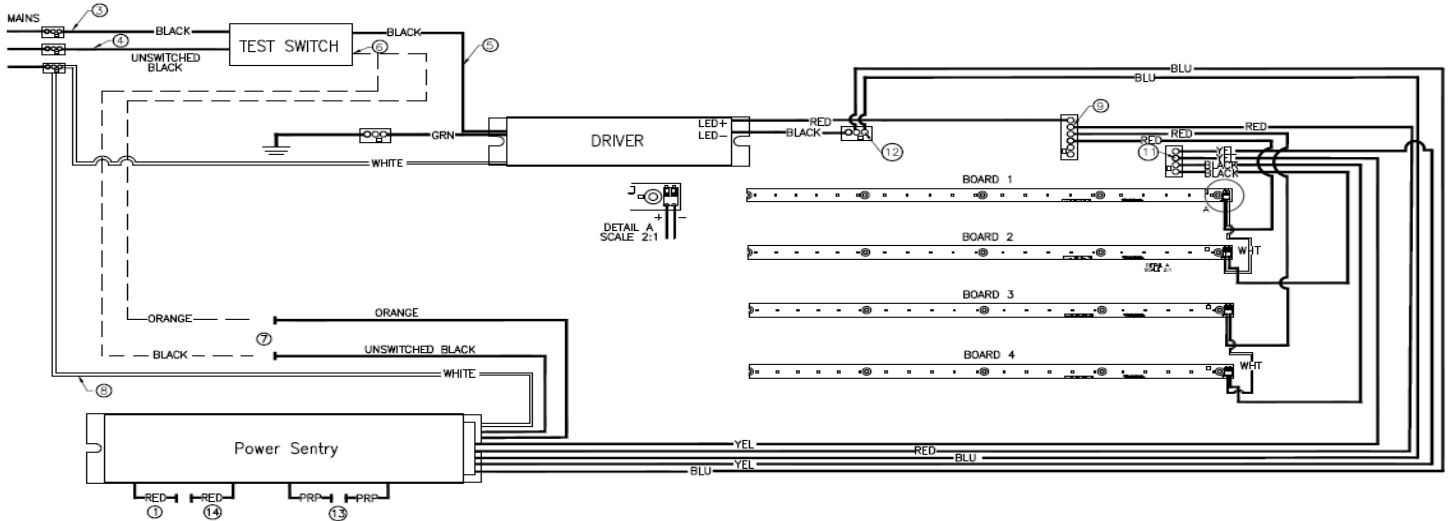


FIGURE 2

## Field Install Instructions \*

1. Disconnect Battery Enable connector (RED wires with mating connectors)
2. Disconnect Driver Line input from Mains
3. Connect Mains Line to Test Switch
4. Connect Un-switched Line to Test Switch (Line input to Power Sentry must be un-switched)
5. Connect Test Switch output (Mains Line) to Driver
6. Connect Test Switch output (Un-switched Line) to Power Sentry (BLACK for 120V, ORANGE for 277V)
7. Cap unused Power Sentry Un-switched Line input wire
8. Connect Mains Neutral to Power Sentry WHITE
9. Connect Power Sentry RED wire to wire nut with Driver LED (+) (in this example RED)  
(An additional or larger wire nut may be required)
10. Remove Driver LED (-) wire from wire nut (in this example BLACK)
11. Connect Power Sentry YEL wires to wire nut with LED Board (-)  
(An additional or larger wire nut may be required)
12. Connect Power Sentry BLU wires to wire nut with Driver LED (-) (in this example BLACK)  
(An additional or larger wire nut may be required)
13. **Ensure PURPLE wires are connected**
14. Connect Battery Enable connector (RED wires with mating connectors)

**\*SEE LAST PAGE FOR MOUNTING OPTIONS AND PLACEMENT**

# Power Sentry Field Install

Wiring Diagram & Instructions - PS30250 Three Boards in Series, Two Boards in Parallel

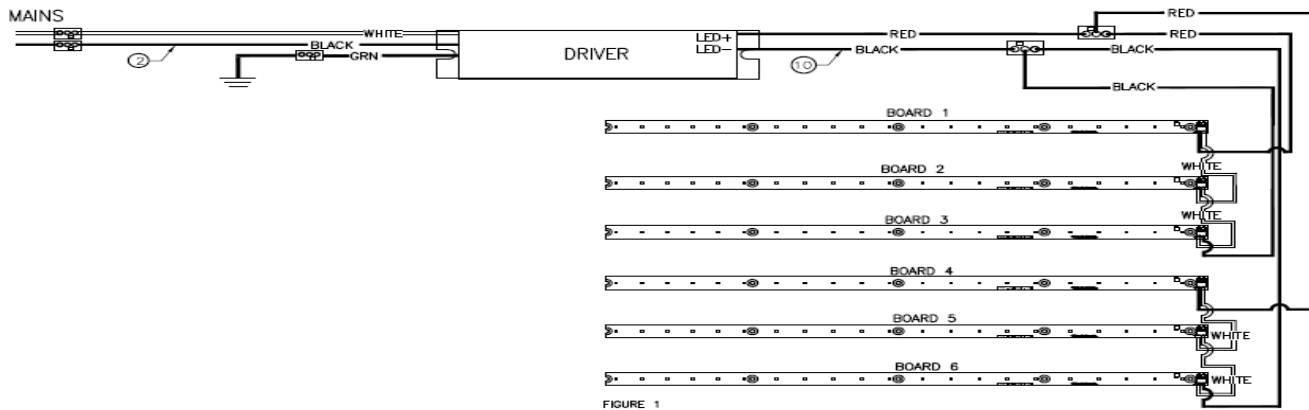


FIGURE 1

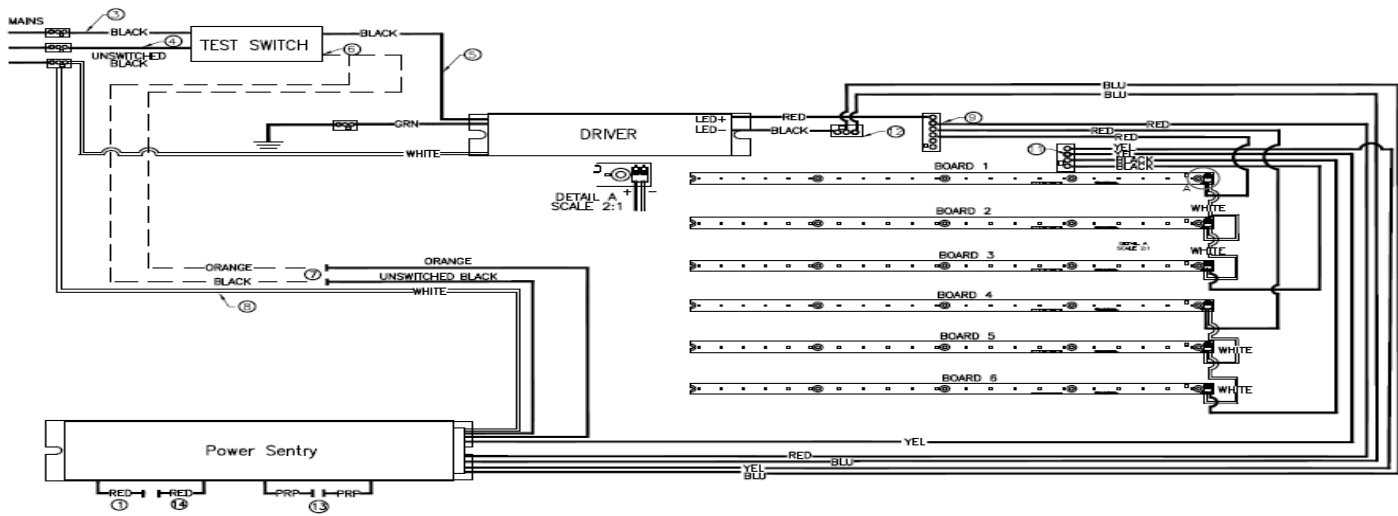


FIGURE 2

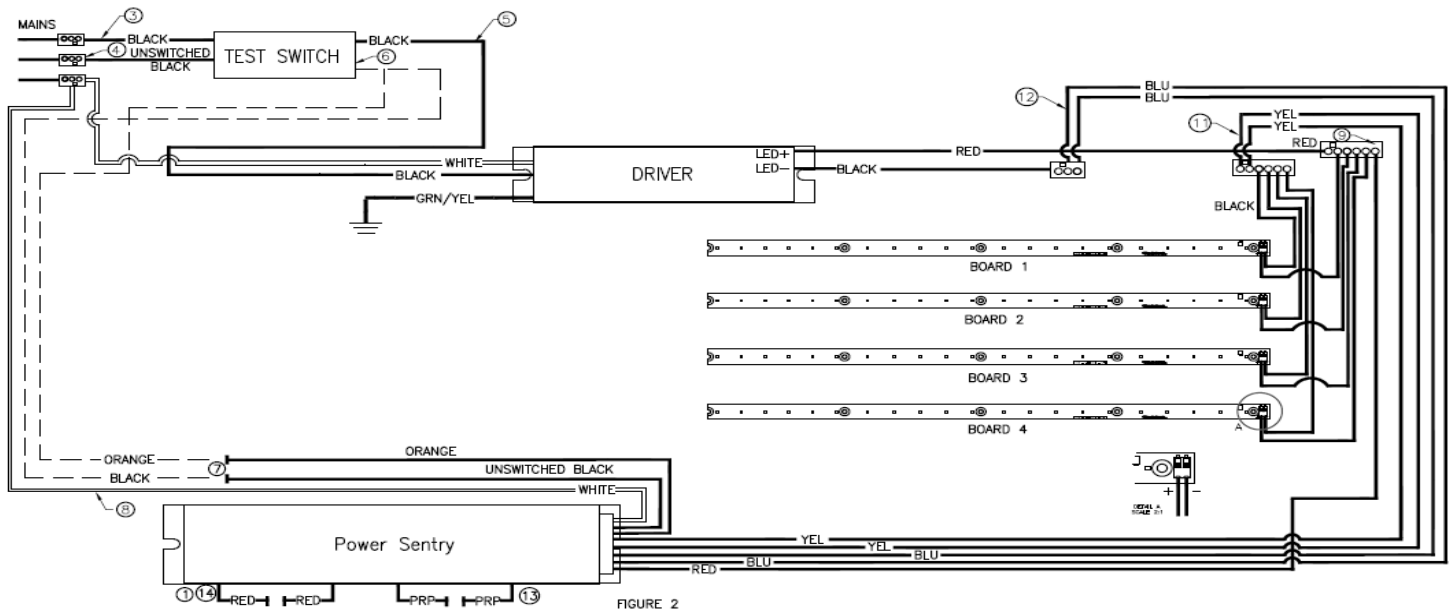
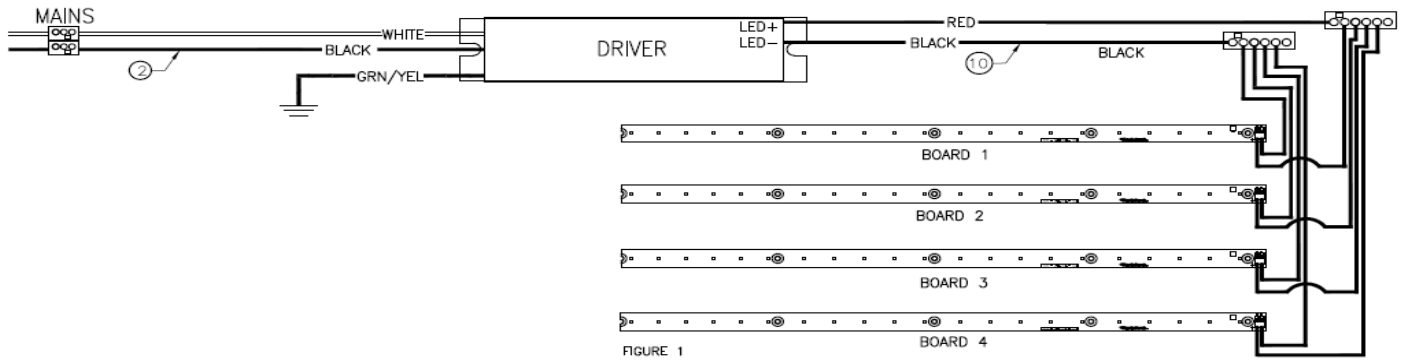
## Field Install Instructions \*

1. Disconnect Battery Enable connector (RED wires with mating connectors)
2. Disconnect Driver Line input from Mains
3. Connect Mains Line to Test Switch
4. Connect Un-switched Line to Test Switch (Line input to Power Sentry must be un-switched)
5. Connect Test Switch output (Mains Line) to Driver
6. Connect Test Switch output (Un-switched Line) to Power Sentry (BLACK for 120V, ORANGE for 277V)
7. Cap unused Power Sentry Un-switched Line input wire
8. Connect Mains Neutral to Power Sentry WHITE
9. Connect Power Sentry RED wire to wire nut with Driver LED (+) (in this example RED)  
(An additional or larger wire nut may be required)
10. Remove Driver LED (-) wire from wire nut (in this example BLACK)
11. Connect Power Sentry YEL wires to wire nut with LED Board (-)  
(An additional or larger wire nut may be required)
12. Connect Power Sentry BLU wires to wire nut with Driver LED (-) (in this example BLACK)  
(An additional or larger wire nut may be required)
13. **Ensure PURPLE wires are not connected**
14. Connect Battery Enable connector (RED wires with mating connectors)

**\*SEE LAST PAGE FOR MOUNTING OPTIONS AND PLACEMENT**

# Power Sentry Field Install

Wiring Diagram & Instructions - PS30250 Four Boards in Parallel



## Field Install Instructions \*

1. Disconnect Battery Enable connector (RED wires with mating connectors)
2. Disconnect Driver Line input from Mains
3. Connect Mains Line to Test Switch
4. Connect Un-switched Line to Test Switch (Line input to Power Sentry must be un-switched)
5. Connect Test Switch output (Mains Line) to Driver
6. Connect Test Switch output (Un-switched Line) to Power Sentry (BLACK for 120V, ORANGE for 277V)
7. Cap unused Power Sentry Un-switched Line input wire
8. Connect Mains Neutral to Power Sentry WHITE
9. Connect Power Sentry RED wire to wire nut with Driver LED (+) (in this example RED)  
(An additional or larger wire nut may be required)
10. Remove Driver LED (-) wire from wire nut (in this example BLACK)
11. Connect Power Sentry YEL wires to wire nut with LED Board (-)  
(An additional or larger wire nut may be required)
12. Connect Power Sentry BLU wires to wire nut with Driver LED (-) (in this example BLACK)  
(An additional or larger wire nut may be required)
13. **Ensure PURPLE wires are not connected**
14. Connect Battery Enable connector (RED wires with mating connectors)

**\*SEE LAST PAGE FOR MOUNTING OPTIONS AND PLACEMENT**

# Power Sentry Field Install

Wiring Diagram & Instructions - PS30250 Four Boards in Series

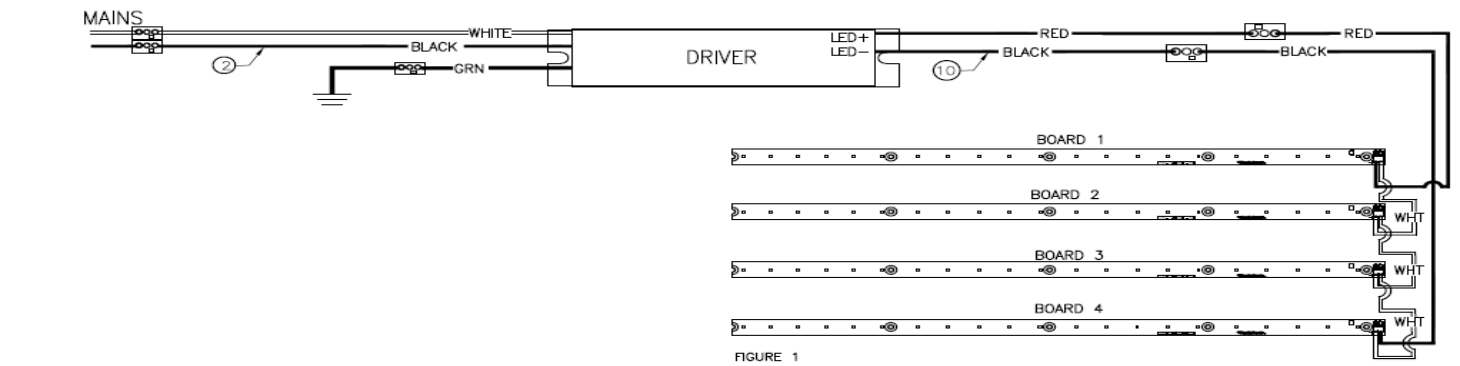


FIGURE 1

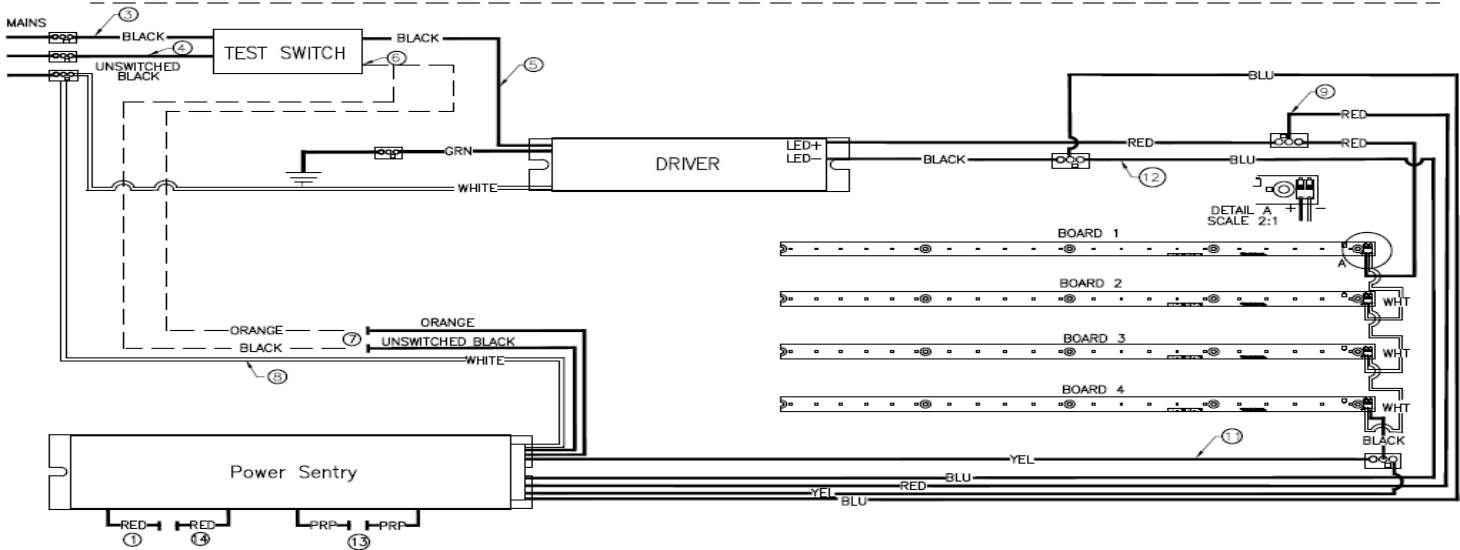


FIGURE 2

## Field Install Instructions \*

1. Disconnect Battery Enable connector (RED wires with mating connectors)
2. Disconnect Driver Line input from Mains
3. Connect Mains Line to Test Switch
4. Connect Un-switched Line to Test Switch (Line input to Power Sentry must be un-switched)
5. Connect Test Switch output (Mains Line) to Driver
6. Connect Test Switch output (Un-switched Line) to Power Sentry (BLACK for 120V, ORANGE for 277V)
7. Cap unused Power Sentry Un-switched Line input wire
8. Connect Mains Neutral to Power Sentry WHITE
9. Connect Power Sentry RED wire to wire nut with Driver LED (+) (in this example RED)
10. Remove Driver LED (-) wire from wire nut (in this example BLACK)
11. Connect Power Sentry YEL wires to wire nut with LED Board (-)  
(An additional or larger wire nut may be required)
12. Connect Power Sentry BLU wires to wire nut with Driver LED (-) (in this example BLACK)  
(An additional or larger wire nut may be required)
13. **Ensure PURPLE wires are not connected**
14. Connect Battery Enable connector (RED wires with mating connectors)

**\*SEE LAST PAGE FOR MOUNTING OPTIONS AND PLACEMENT**

## Mounting Distance of Battery Backup from Driver and Mounting Heights of Luminaire

Fixture Family	Minimum distance of battery pack from driver	Alternative Mounting	Max Mounting Height (ft)
IBG	Remote mount only		22
IBH	Remote mount only		32
IBL	Remote mount only		33

Part#: 912-00022-003 Rev B