

Industrial High Bay Fixtures with Universal V Hanger and Adjustable Wire Hanger

Instruction Number: P-INT-X-358

Use this instruction to install the industrial High Bay fixtures with V Hanger and Adjustable Wire Hanger.

Components

- 1 (2) Universal V Hanger
- 2 (2) Adjustable Wire Hangers (available in various lengths)
- 3 Industrial High Bay fixture with mounting tabs

Tools Required for Installation

- Cordless Drill
- Tape measure
- Eyebolt (or other enclosed support for adjustable wire hanger, see below for typical fasteners and driver)

TYPICAL FASTENERS AND DRIVER



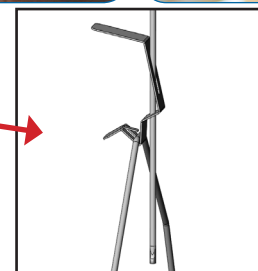
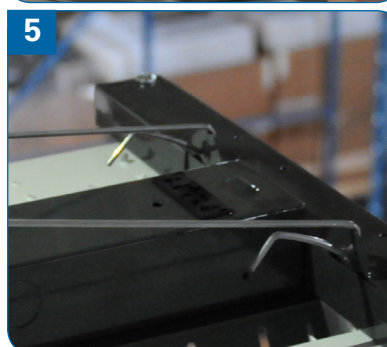
Step-by-Step Instructions



WARNING!

Risk of fire or electric shock. To reduce risk of electrical shock, turn off power supply before installation or servicing.

1. Field installers are responsible for recognizing specific site requirements and making adjustments to assure a complete, functional installation.
2. Make all power connections using UL listed components.
3. Electrical connections must be made by a qualified electrician and in accordance with NEC and local codes.
 - 1 Remove fixture from packaging. Check to see above listed components are included.
 - 2 Mark ceiling for eyebolt locations approximately 46" apart (varies depending on fixture type). (See Fig. 1)
 - 3 Screw eyebolts (self supplied) into marked locations. (See Fig. 2)
 - 4 Insert adjustable wire hanger through each eyebolt. (See Fig. 3)
 - 5 Hook Universal V Hanger through mounting tabs on each end of fixture. (See Fig. 4 & Fig. 5)
 - 6 Clip Universal V Hangers into the adjustable wire clips on each end. (See Fig. 6 & Fig. 7)
- NOTE:** Make sure V Hanger can not be unhooked from clip on adjustable wire hanger.
- 7 Check to make sure fixture is level and secure. Make electrical connections from fixture to the power supply per NEC and local codes.
- 8 Restore power and test fixture.



Orion supplied hanging devices are NOT warranted or recommended for use in environments:
 1). that have corrosive agents present that may degrade the integrity of the hanging device.
 2). where movement of the fixture may occur while the hanging device is supporting the fixture.

For additional hanging and mounting options for our industrial product line, please see our Industrial Hanging Application Guide available on most product pages.

High Bay with -ECAB Cables

Instruction Number: P-INT-X-424

Product Series: Open and Enclosed High Bay Fixtures with Hanging Tabs

Use this instruction to install a fixture with -ECAB hangers.

Components

- 1 (2) ECAB Mounting Cables (Y Style with eyelets and snap hooks attached)

Tools Required for Installation

- Cordless Drill
- Eyebolt (or other enclosed support for -ECAB hanger)
- Tape Measure

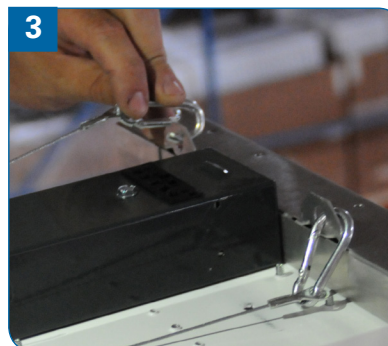
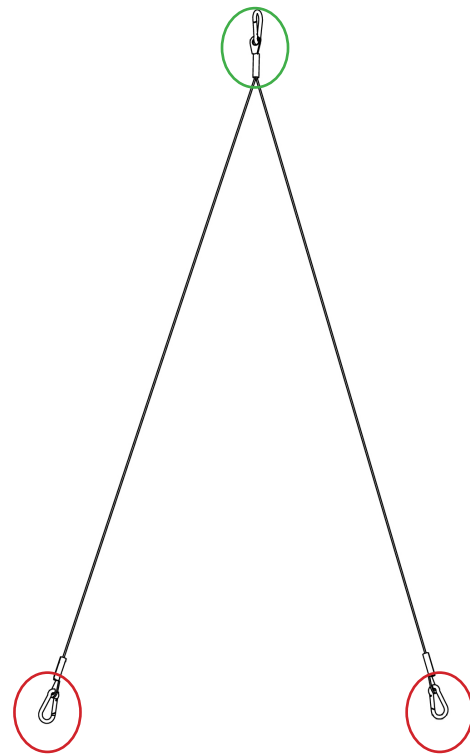
Step-by-Step Instructions



WARNING!

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1. Field installers are responsible for recognizing specific site requirements and making adjustments to assure a complete, functional installation.
2. Make all power connections using UL listed components.
3. Electrical connections must be made by a qualified electrician and in accordance with NEC and local codes.
- 1 Remove fixture from packaging. Check to see if above listed components are included.
- 2 Measure the length of the fixtures hanging tabs to the other end of the fixtures hanging tabs, and mark the installation surface on each end of tape measure. (See Fig.1)
- 3 Screw eyebolt (self supplied) into marked section on install surface. Repeat for other eyebolt on opposite mark. (See Fig.2)
- 4 Attach snap hooks (circled in red) to hanging tabs on one end of fixture. Repeat on opposite end of fixture with other ECAB hanging cable. (See Fig.3)
- 5 Insert third snap hook on each ECAB hanging cable through eyebolt (circled in green); level fixture as needed. (See Fig.4 & Fig.5)
- 6 Once fixture is level; connect power from fixture to power supply per NEC and local codes. (See Fig.6)



HARRIS Lumen Select High Bay 2' and 4' Model Configurations Standard High-Cycle Version, No Lens

Instruction Number: P-INT-X-421

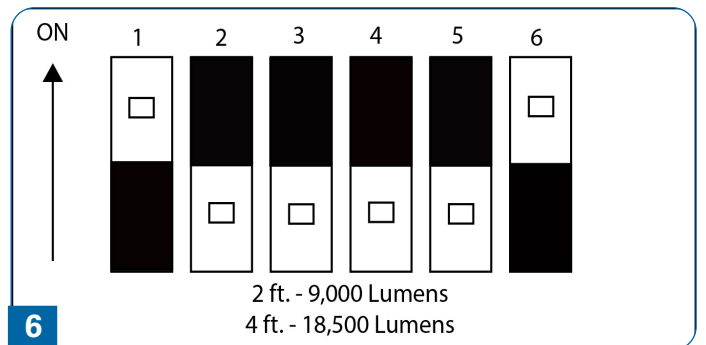
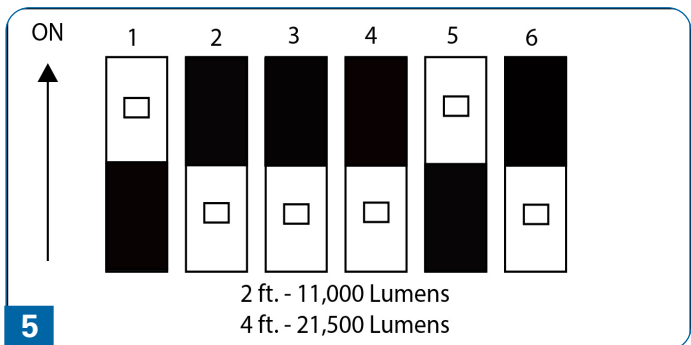
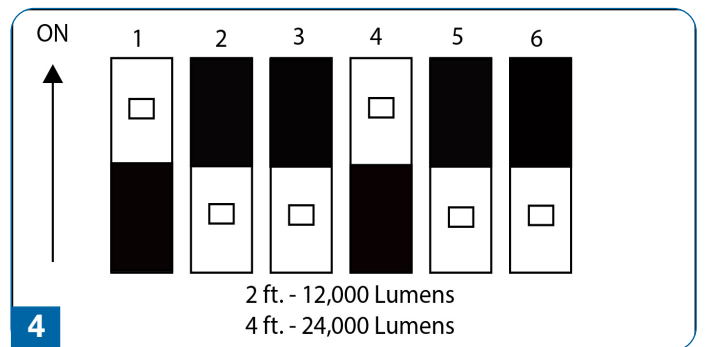
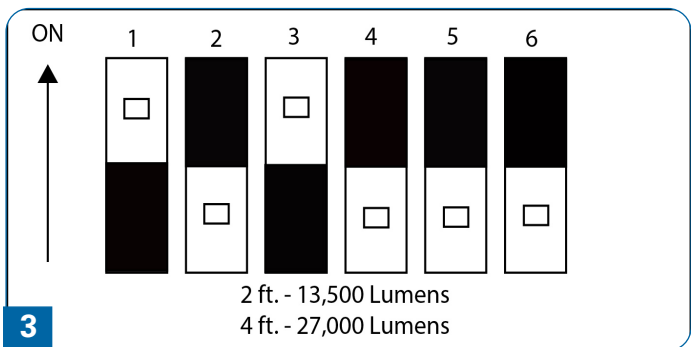
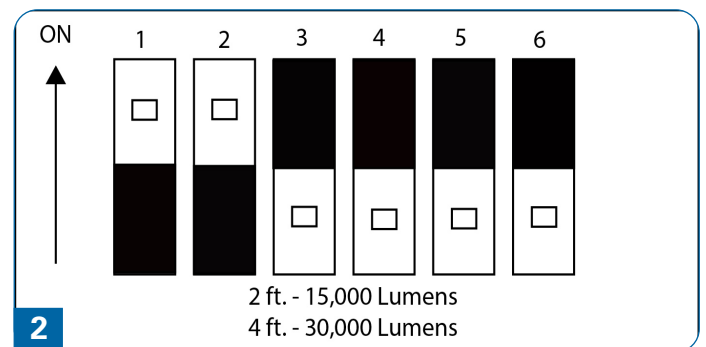
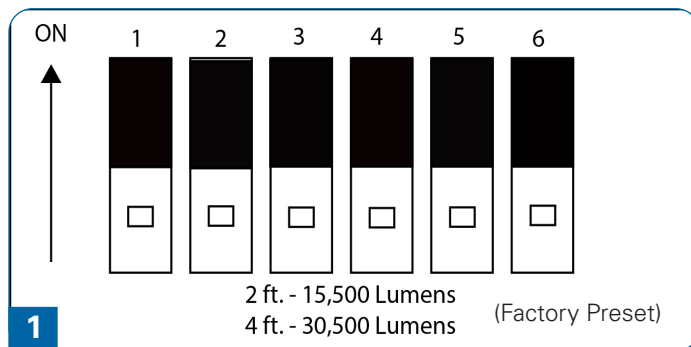
Use this instruction to configure the desired lumen output.

Components

Harris Lumen Select High Bay Fixture

Configurations

Note: Fixtures ship configured to 15,500 lumen output as the standard factory preset on 2' models and 30,500 on 4' models with no lens. For all configurations shown below, white indicates the direction of the switch. To the right is a photo of what the dip switch looks like installed on the LSLH1 fixture.



HARRIS Lumen Select High Bay 2' and 4' Model Configurations Standard Low-Cycle Version, No Lens

Instruction Number: P-INT-X-421

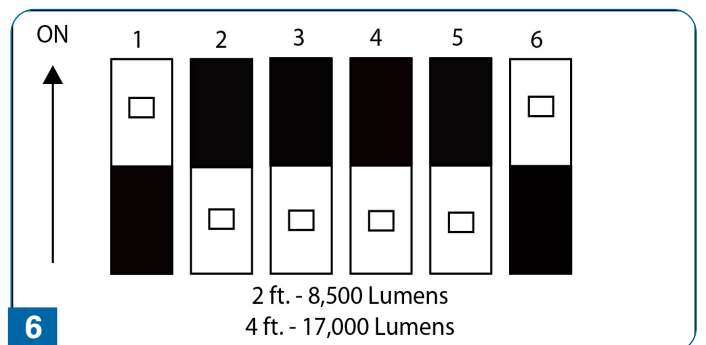
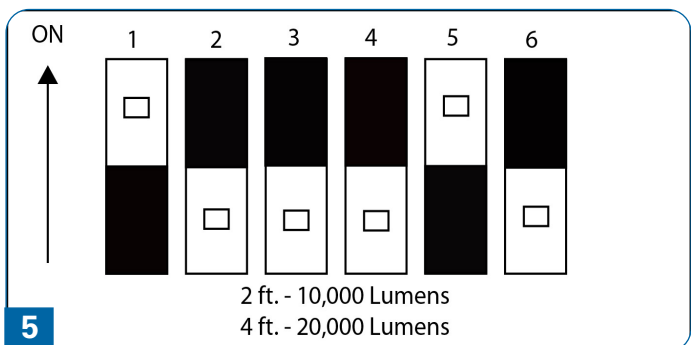
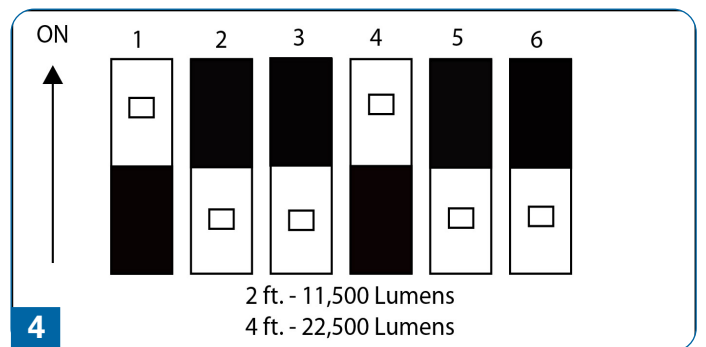
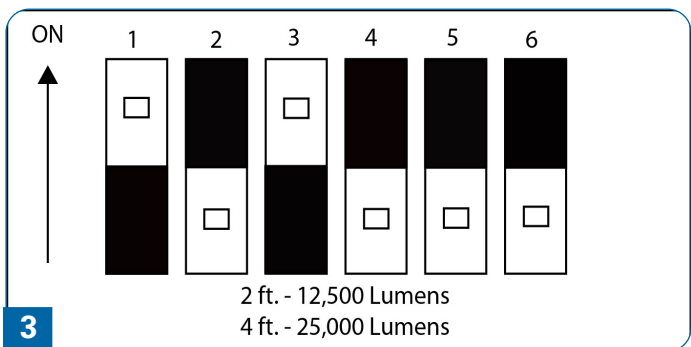
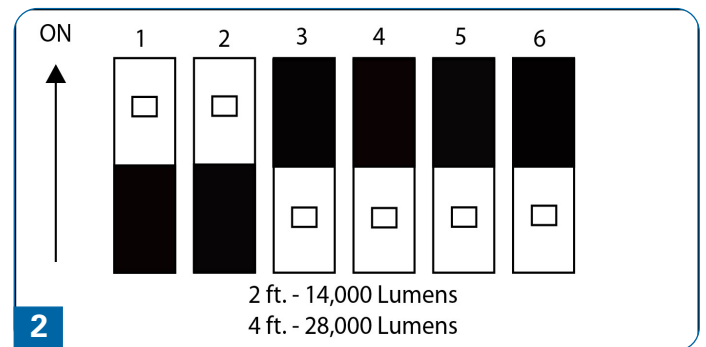
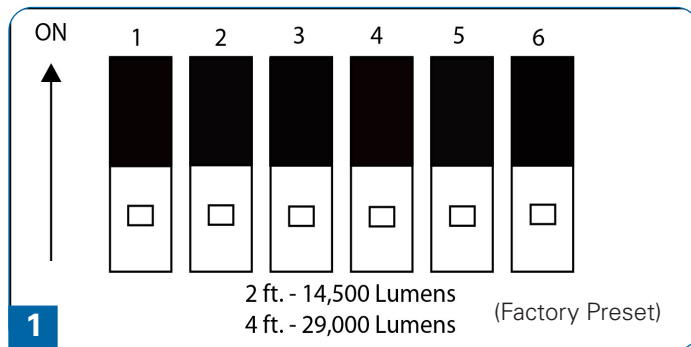
Use this instruction to configure the desired lumen output.

Components

Harris Lumen Select High Bay Fixture

Configurations

Note: Fixtures ship configured to 15,500 lumen output as the standard factory preset on 2' models and 28,500 on 4' models with no lens. For all configurations shown below, white indicates the direction of the switch. To the right is a photo of what the dip switch looks like installed on the LSLH1 fixture.



HARRIS Lumen Select High Bay

Instruction Number: P-INT-X-421

Use this instruction to pendent mount the 2' LSLH1.

Components

-Harris Lumen Select High Bay Fixture
-LED-LSLH-PMR01-KIT (See Image A. Includes: Conduit Connector, (6) screws, pendent mount bracket, pendent mount bracket side cover, (3) wago connectors, plug, bushing)

Tools Required for Installation

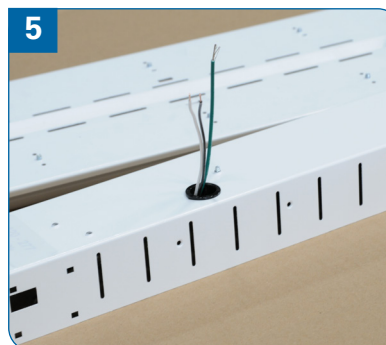
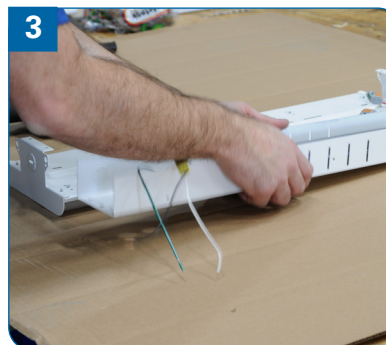
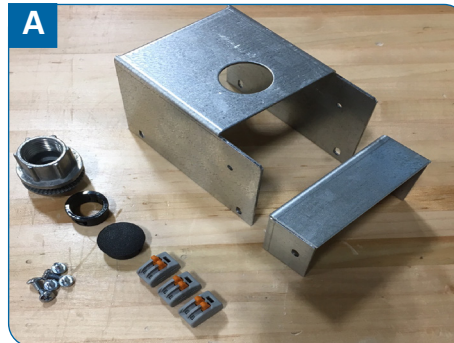
-#2 Philips Screwdriver or Drill
-Wire cutters/strippers



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Step-by-Step Instructions



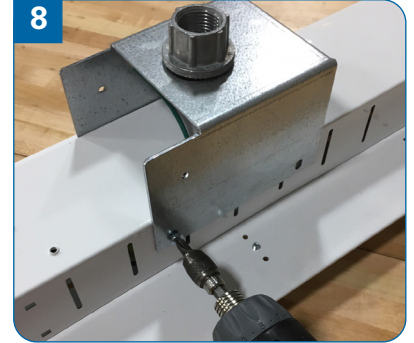
- 1 Unpack all components listed above.
- 2 Screw the conduit conductor in place on the pendant mount bracket. (See Fig. 1)
- 3 Remove all (4) screws on the fixture driver channel cover to remove from the fixture body ((2) located at each end). (See Fig. 2 and Fig. 3)
- 4 Remove the fixture knockout located inside of the driver channel cover. (See Fig. 4)
- 5 Insert the bushing into the fixture knockout opening removed in Step 4 and thread the wiring through. (See Fig. 5)
- 6 Insert the white plug into the factory knockout that is no longer being used (location circled in red). Reattach the driver channel cover using the (4) screws removed in Step 3. (See Fig. 6)

HARRIS Lumen Select High Bay

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Step-by-Step Instructions

- 7** Attach the provided wago connectors to the fixtures wires and insert the pendant mount bracket over the fixtures wires. (See Fig. 7 and Fig. 8)
- 8** Attach the pendant mount bracket in place with (2) screws per side, (4) total. (See Fig. 8)
- 9** Thread the conduit connector onto the conduit. Make all electrical connections per NEC and local codes.
- 10** Attach the pendant mount bracket cover in place with (2) screws. Make sure all wires are tucked securely inside so they are not pinched. (See Fig. 9)
- 11** Restore power and test fixture.



HARRIS Lumen Select High Bay

Instruction Number: P-INT-X-421

Use this instruction to add battery back-up to the LSLH1 (2' shown in photos).

Components

-Harris Lumen Select High Bay Fixture
-LSLH-XXX-BB-KIT (See Image A. Includes: Battery Back-Up Channel, (5) push-in connectors, quick disconnect, bushing,(2) wago connectors, 1 orange push-in connector)

Tools Required for Installation

-#2 Philips Screwdriver or Drill
-Wire cutters/strippers

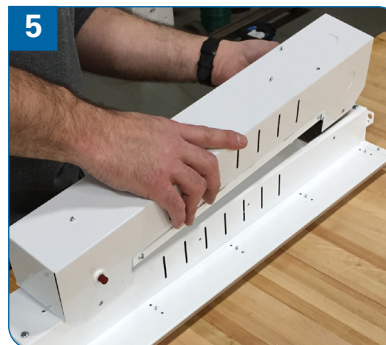
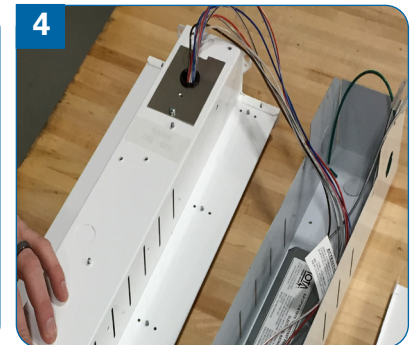
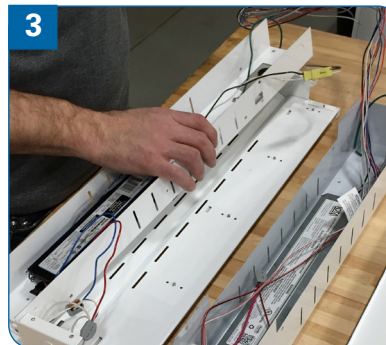
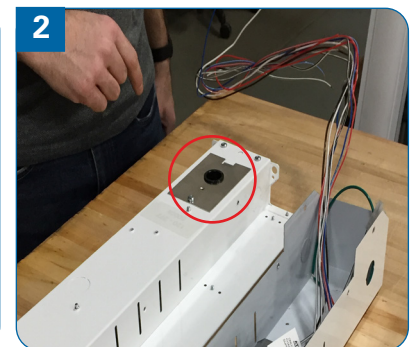
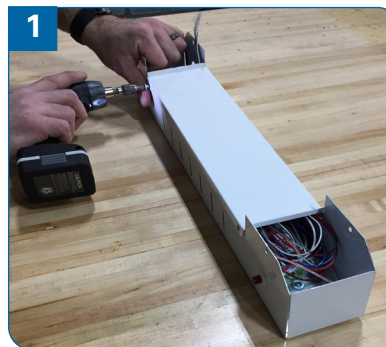
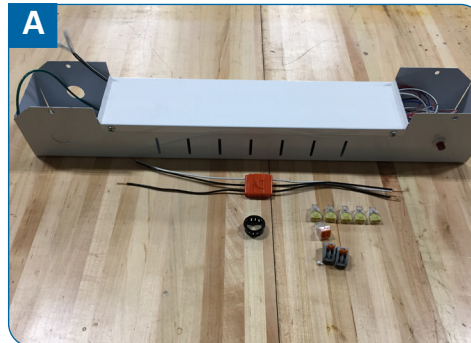


WARNING!

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Step-by-Step Instructions

- 1 Unpack all components listed above.
- 2 Remove the (4) screws from the battery back-up cover plate. (See Fig. 1)
- 3 Insert bushing into the LSLH1 fixture cover plate located on the back of the driver channel. (See Fig. 2 area circled in red)
- 4 Remove the (4) screws from the fixture driver cover. (See Fig. 3)
- 5 Complete all electrical wiring between the fixture and battery back-up per NEC and local codes. Reattach the fixture driver channel cover removed in Step 4 (See Page 5 and Page 6 for wiring diagrams)
- 6 Insert the battery back-up channel over the fixture driver channel and attach with the (4) screws that were removed in Step 2. (See Fig. 5 and Fig. 6)



120-277v Wiring Diagram

EMERGENCY DRIVER KIT

THIS CONDUCTOR MUST BE SUPPLIED BY UNSWITCHED POWER TO CHARGE B8 BATTERY

Battery Connection made after supplying power to the fixture

FIXTURE ACCESS PLATE

LED BOARD

LED DRIVER

LED BOARD

LED BOARD

LED DRIVER

LED BOARD

4FT ONLY (Dotted Line Above)

THIS CONDUCTOR MUST BE SUPPLIED BY UNSWITCHED POWER TO CHARGE BB BATTERY

EMERGENCY DRIVER KIT

Red/Blue/Violet 22GA Wires

HATCH

Battery Connection made after supplying power to the fixture

FIXTURE ACCESS PLATE

LED BOARD

LED DRIVER

LED BOARD

LED BOARD

LED DRIVER

LED BOARD

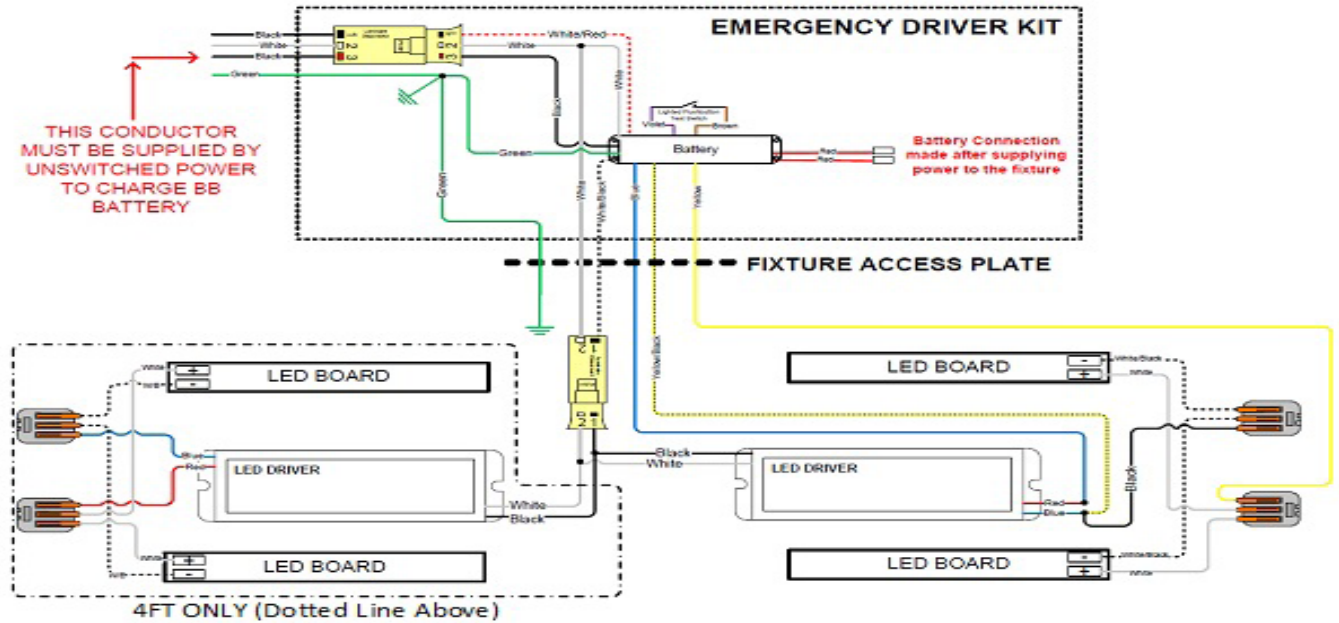
4FT ONLY (Dotted Line Above)

HARRIS Lumen Select High Bay

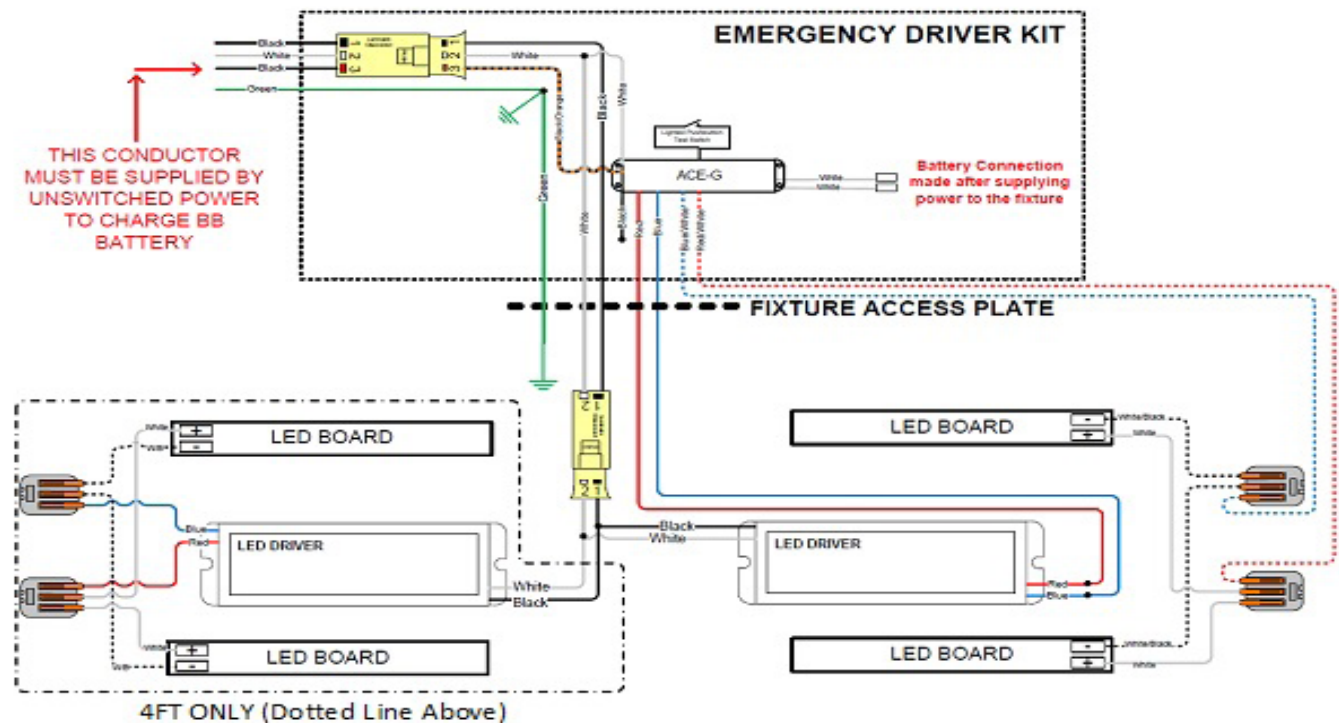
Instruction Number: P-INT-X-421

120-277v Wiring Diagram

BODINE PEL10



ACE-Gxx-1555CP

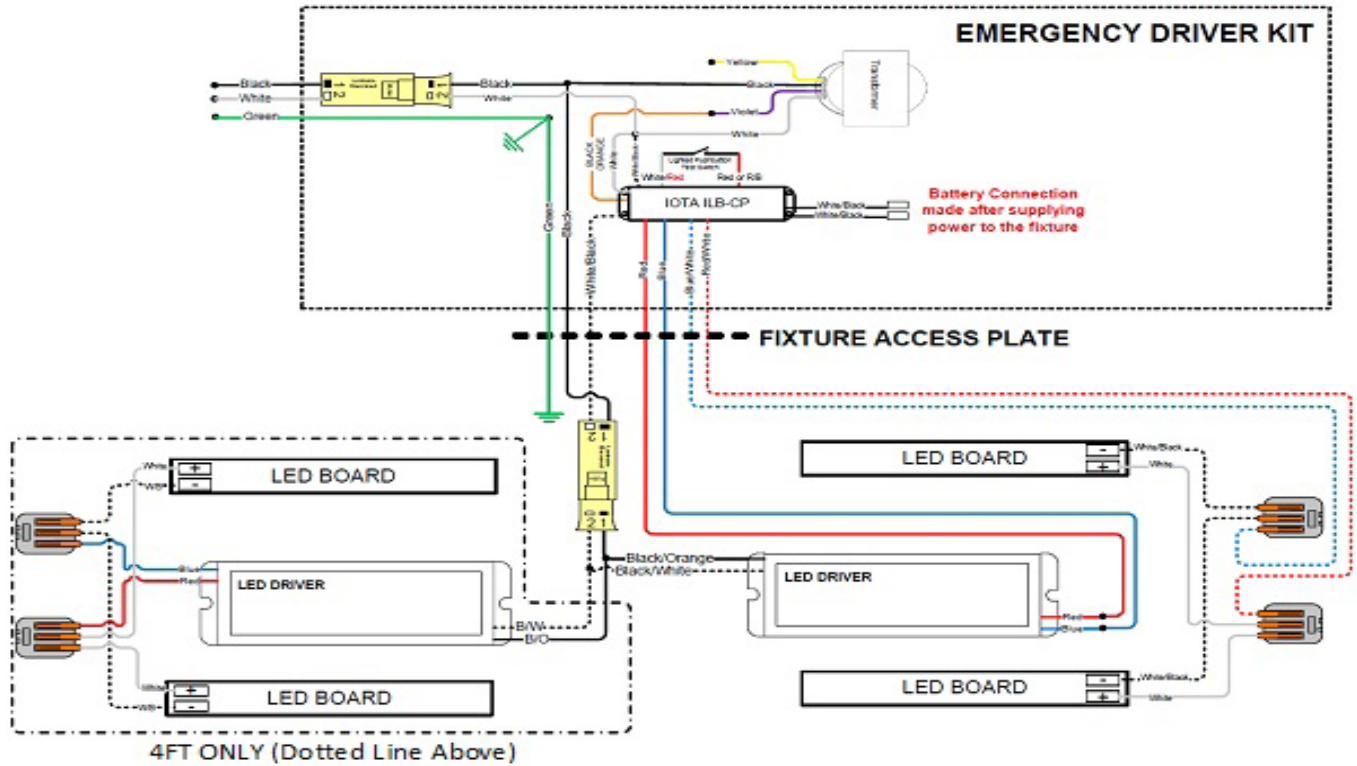


HARRIS Lumen Select High Bay

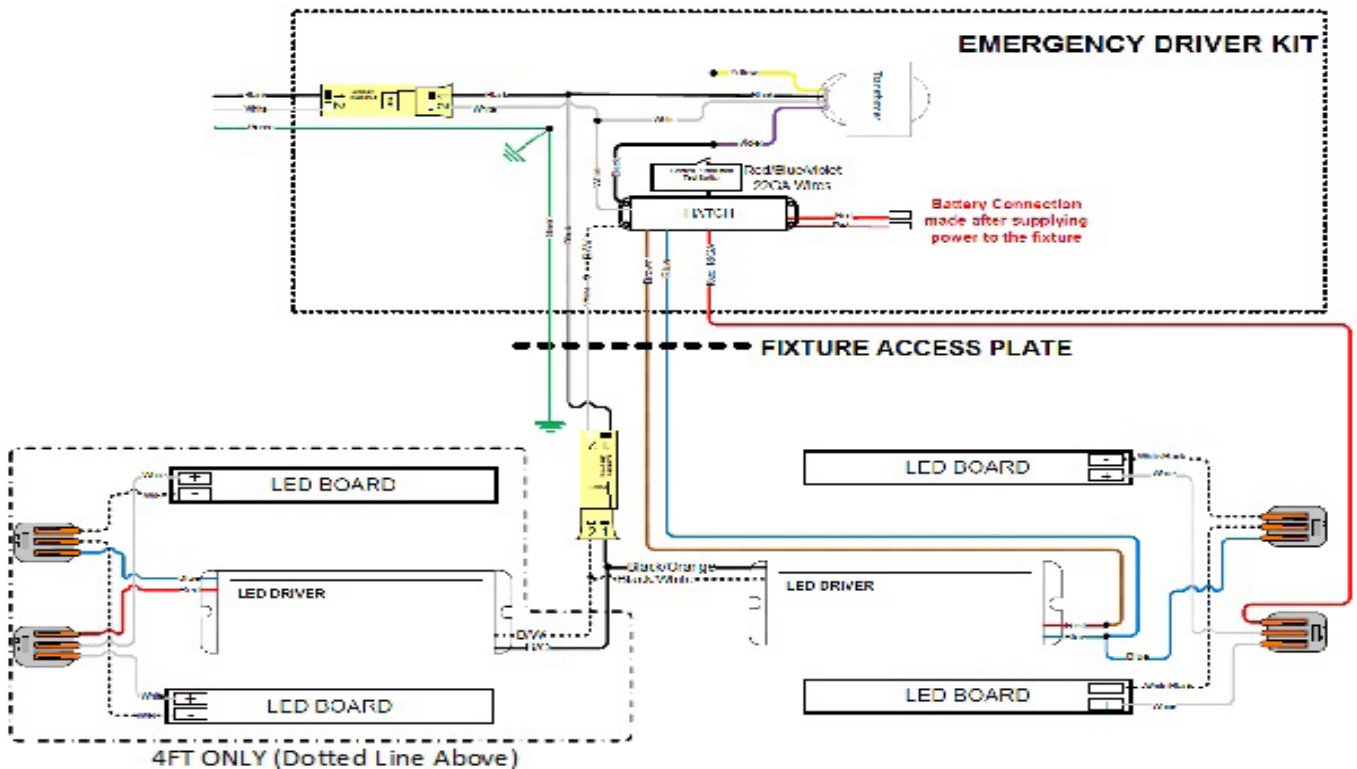
Instruction Number: P-INT-X-421

347v Wiring Diagram

IOTA ILB-CP10



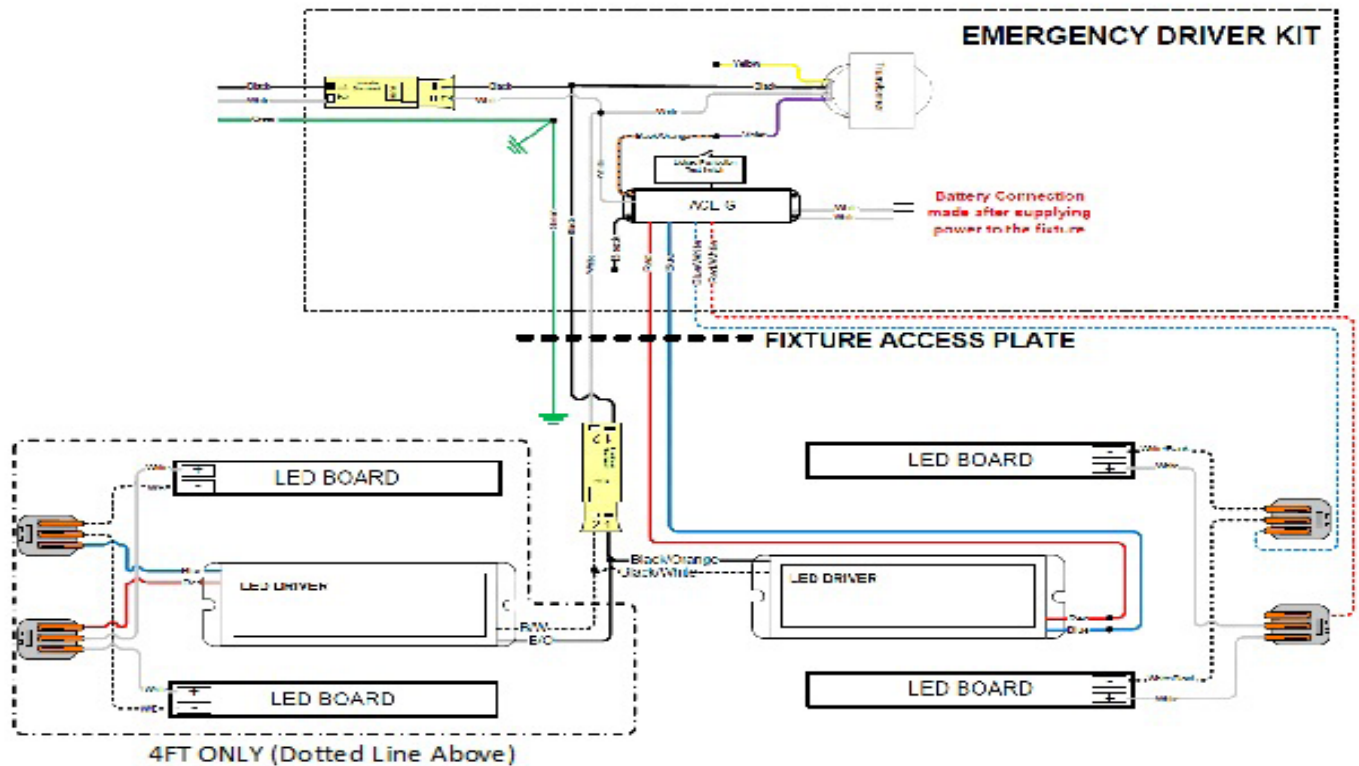
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HARRIS Lumen Select High Bay

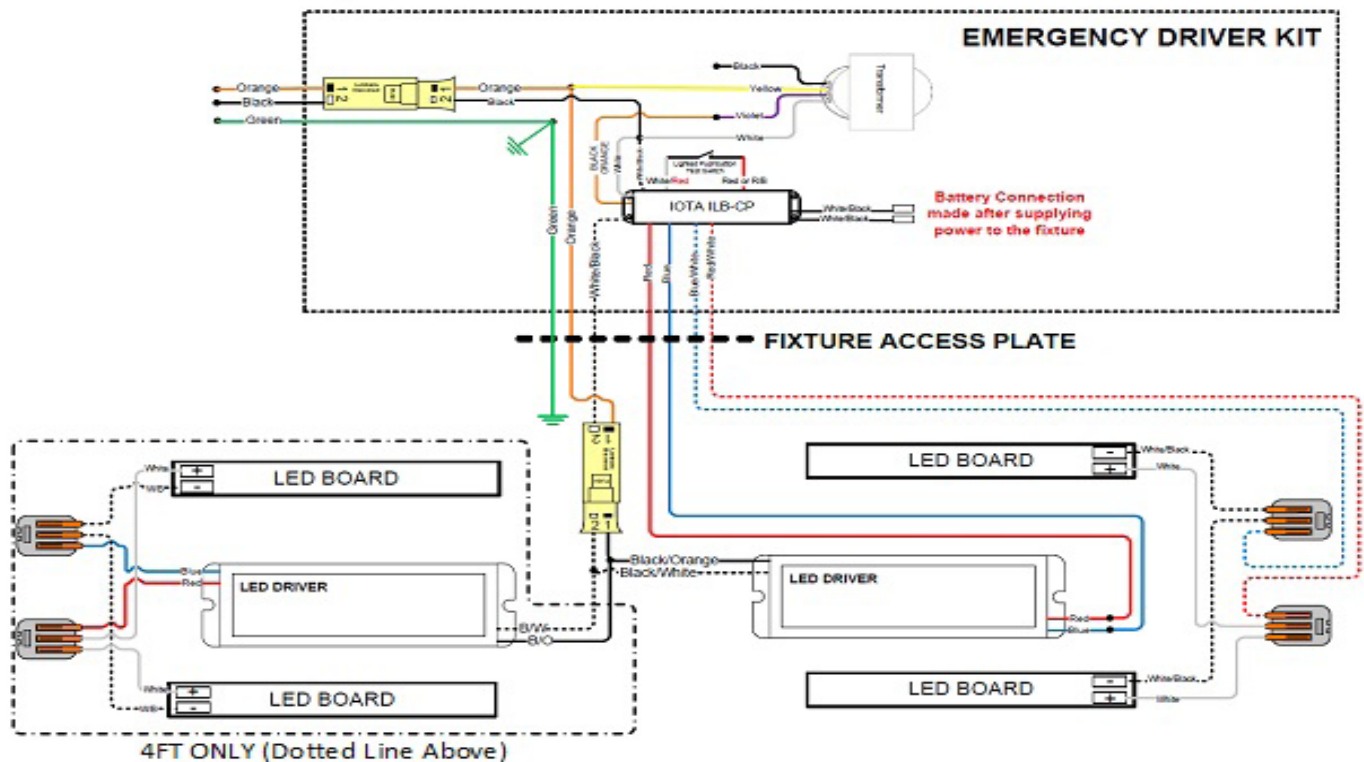
Instruction Number: P-INTX-421
347v Wiring Diagram

ACE-Gxx-1555CP



480v Wiring Diagram

IOTA ILB-CP10



480v Wiring Diagram