ProLED SELECT Select Compact Linear Highbay
Installation Instructions
Halco LIGHTING TECHNOLOGIES

Rev: A0 80427

Select Compact Linear Highbay Installation Instruction

Cautions:

1. Do not use an electric generator to test the LED light.
2. Follow all Federal, state, and local laws and regulations when installing this fixture.
3. Turn off the power before installation or maintenance.
4. Properly grounding the fixture is required to ensure safety.

Notice:

1. To avoid possibility of electrical shock or fire, the installation personnel must be a licensed electrician.
2. Please wear gloves to avoid injury before installation.
3. Turn off the power if smoke or sparking occurs and immediately notify relevant personnel.
4. Please use listed strain relief bushing when connecting the supply cord to the outlet box.

Attention:

1. Please check if there is any damage during shipping. If so, please contact Halco immediately.
2. Please read the installation instructions prior to installation and ensure all needed installation accessories are present.

Wiring Diagram & Instruction:

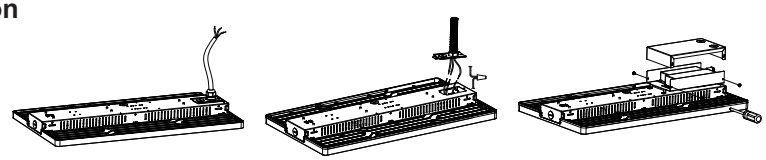
Three dimming functions are available in this highbay fixture:
1. Constant current can be achieved by 0/1-10VDC dimming;
2. PWM signal dimming;
3. Variation of resistance unit dimming.

Description:
This product is 0/1-10V dimming,below dimmers are recommended:

Brand	Model
LUTRON	NTSTV-DV
LEVITON	DS710 / IP710
LEGRAND	RH4FBL3PTC

Wiring Instruction

L:Black,
N:White,
⏚ : Green/Yellow
DIM +
DIM -
(For the DIM+ and DIM- wire, please check the label.)



If dimming is required, choose the appropriate dimming method that meets the needs of the particular application.
*This fixture cannot be connected to a dimming device when equipped with a motion sensor.

Installation Options：Chain/Cable Iinstallation，3/4”NPT Installation，Surface Mounting
(Please choose the most suitable installation method for the purchased product as per your needs)

A.Hanging Installation: (Chain/Cable)

Step 1. Hook up the chain; (Figure 1)
Step 2. Connect the chain with fixture; (Figure 1)
Step 3. Fix the chain on the rail, adjust the chain length as per need; (Figure 1)
Step 4. After fixed, choose suitable wiring knock out, connect the wires according to local standard and code.

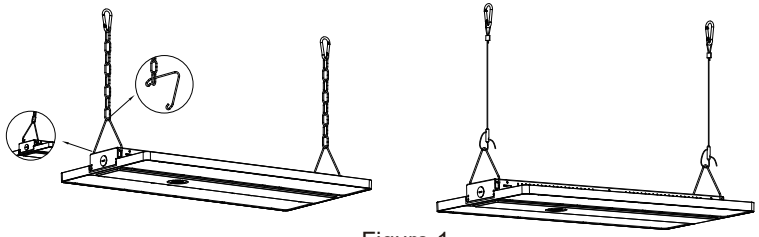


Figure 1

B.3/4"NPT Installation:

Step 1. Mount the bracket on 3/4"NPT; (Figure 2)
Step 2. Lock fixture on the bracket; (Figure 3)
Step 3. Connect the wires according to local standard and code.
Step 4. Lock side brackets with screw driver. (Figure 4)

Figure 2

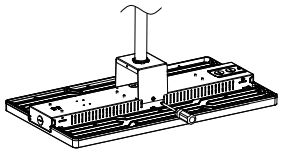


Figure 3

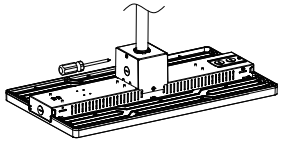


Figure 4

C.Surface Mounting: (If this bracket is used for the fixture, backup driver solution cannot be chosen)

Step 1.Mount the bracket on the rail or ceiling; (Figure 5)
Step 2. Assemble the lamp on the bracket and fix it with screws; (Figure 6)
Step 3. After mounting, choose suitable wiring knock out and connect the wires according to local standard and code.

Figure 5

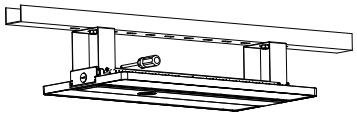


Figure 6

Extra Accessory Option Installation: 1:Wire Guard, 2:Motion Sensor / PIR Sensor, 3: Backup driver, 4: Wattage Adjustment.

1.Wire Guard: (Purchase the correct size wire guard from manufacturer)
Place the wire guard on the lamp and fix it with screws. (Figure 7)

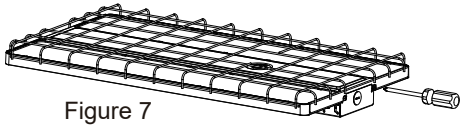


Figure 7

2-1. Motion Sensor / PIR Sensor: (Both sensor are with same installation) connect the wires according to the wiring diagram. (Figure 8)

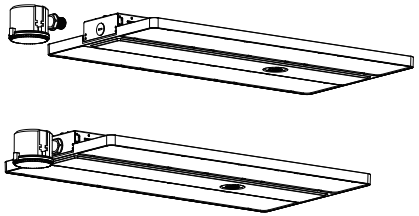
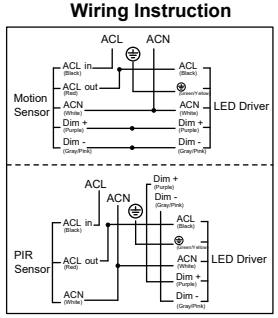


Figure 8



2-2. DC Motion Sensor / PIR Sensor (Both sensors are with the same installation method)

Step 1. Use a screwdriver to remove the 1/2 plug from the sensor; (Figure 9)
Step 2. Twist-lock the DC sensor to the base to make it work properly, use a remote control to adjust the working mode as per demand. (Figure 10)

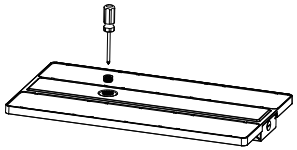


Figure 9

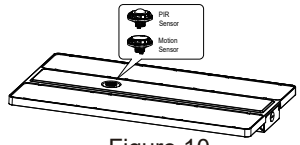
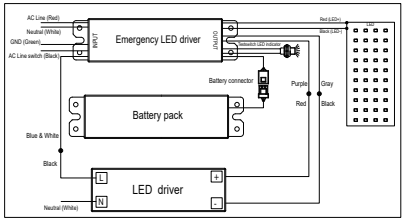
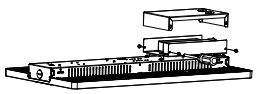


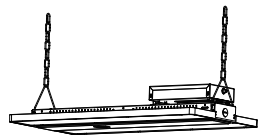
Figure 10

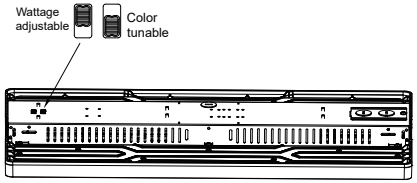
3: Backup driver

Step 1. Open junction box with screw driver.
Step2 . Connect the input wires on each backup driver and fixture driver via suitable knock out, then complete the junction.
Wiring diagram (Maintained)







4: Wattage and CCT Adjustment

Wattage adjustment switch + CCT tunable switch