



## IMPORTANT SAFETY WARNINGS



**THE INSTALLATION MUST ONLY BE PERFORMED BY A LICENSED ELECTRICIAN. TO PREVENT DEATH, INJURY OR DAMAGE TO PROPERTY, THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE TO NATIONAL ELECTRIC CODE (NFPA70) IN THE US OR CANADIAN ELECTRICAL CODE (CSA22.1) IN CANADA.**

*L'INSTALLATION NE DOIT ÊTRE EFFECTUÉE QUE PAR UN ÉLECTRICIEN AGRÉÉ. POUR PRÉVENIR LES DÉCÈS, LES BLESSURES OU LES DOMMAGES MATÉRIELS, CE PRODUIT DOIT ÊTRE INSTALLÉ CONFORMÉMENT AU CODE NATIONAL DE L'ÉLECTRICITÉ (NFPA70) AUX USA OU CODE CANADIEN DE L'ÉLECTRICITÉ (CSA22.1) AU CANADA.*

**CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR.**

*CONSULTER UN ÉLECTRICIEN QUALIFIÉ POUR VOUS ASSURER QUE LES CONDUCTEURS DE LA DÉRIVATION SONT ADÉQUATS.*

**SUITABLE FOR DAMP LOCATIONS. SUITABLE FOR OPERATION IN AMBIENT NOT EXCEEDING 50°C.**

*CONVIENT AUX EMPLACEMENTS HUMIDES. PEUT ÊTRE UTILISÉ À UNE TEMPÉRATURE AMBIANTE N'EXCÉDANT PAS 50°C.*

**CAUTION – RISK OF FIRE. MIN 90°C SUPPLY CONDUCTORS. CLASS 2. CLASS 1 WIRE ONLY.**

*ATTENTION – RISQUE D'INCENDIE. LES FILS D'ALIMENTATION 90 °C MIN. CLASSE 2. CLASSE 1 FIL SEULEMENT.*

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards please read all warnings and instructions included with and on the fixture box and all fixture labels.
- Follow all manufacturer's warnings, recommendations and restrictions for: driver type, burning position, mounting locations/methods, replacement and recycling.
- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- Disconnect or turn off power before installation or servicing the luminaire.
- Allow lamp/fixture to cool before handling.
- Do not exceed maximum wattage marked on the label.
- Do not operate in close proximity to persons, combustible materials or substances affected by heat or drying.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- All wiring connections should be capped with UL approved recognized wire connectors.
- Use listed strain relief bushing when connecting the supply cord to the outlet box.
- **DO NOT INSTALL DAMAGED PRODUCT!** This luminaire has been properly packed so that no parts should have been damaged during transit. Inspect to confirm. Any part damaged or broken during or after assembly should be replaced.
- Maintenance of the luminaires should be performed by person(s) familiar with the luminaires' construction and operation and any hazards involved. Regular fixture maintenance programs are recommended.
- It will occasionally be necessary to clean the outside of the refractor/lens. Frequency of cleaning will depend on ambient dirt level and minimum light output which is acceptable to user. Refractor/lens should be washed in a solution of warm water and any mild, non-abrasive household detergent, rinsed with clean water and wiped dry.
- These instructions do not purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation, or maintenance.

Specifications and dimensions subject to change without notice.

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## WIRING DIAGRAM

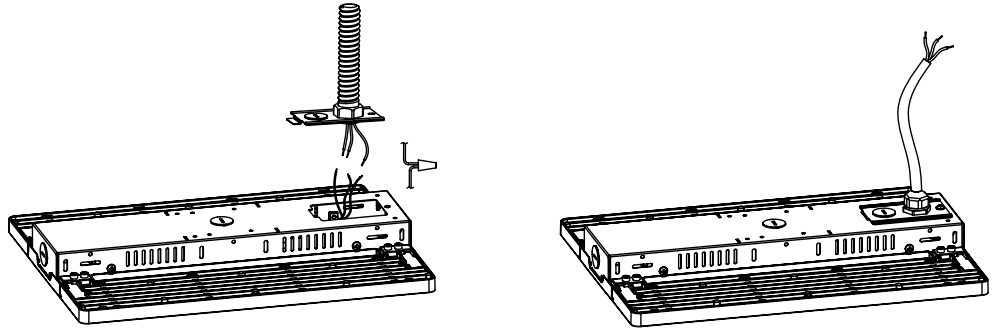
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This product has three dimming functions available:

1. Constant current by 0-10VDC dimming.
2. PWM signal dimming.
3. Variation of resistance unit dimming (you can choose not to use this function).

### Standard Wiring:

1. L:Black,
2. N:White,
3.  $\ominus$  : Green/Yellow
4. DIM +
5. DIM -



(As for the wire color of DIM+ and DIM-, please check the light label)

Please choose the appropriate dimming way according to your needs. You can also choose not to use this function.

\*The product can not be connected to a dimming device when it's equipped with Motion Sensor.

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## SUSPENDED INSTALLATION (CABLE/CHAIN)

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### Suspended Installation Instructions:

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

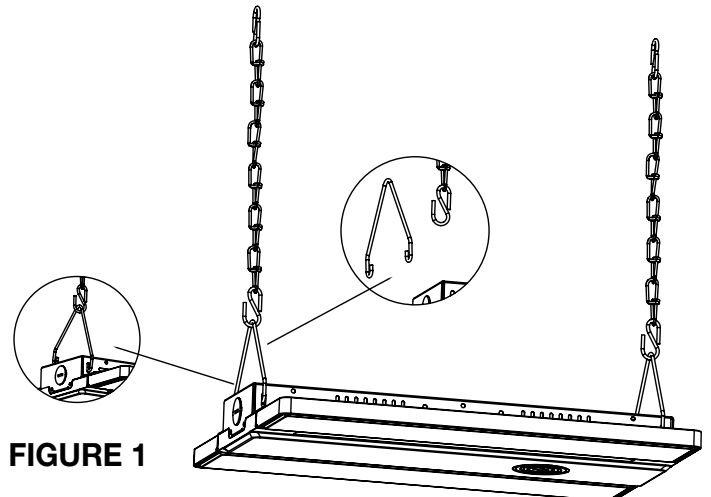


FIGURE 1

Specifications and dimensions subject to change without notice.

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## 3/4" NPT INSTALLATION (PENDANT)

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### 3/4" NPT Installation Instructions:

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

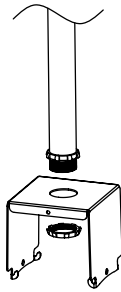


FIGURE 2

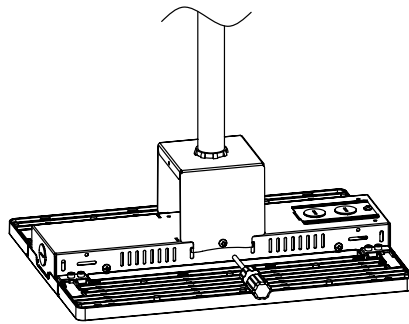


FIGURE 3

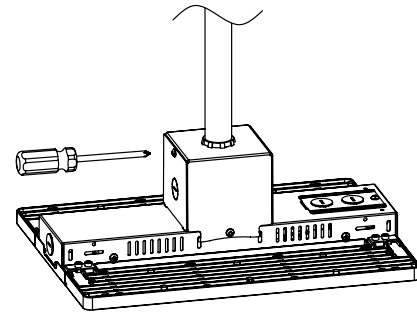


FIGURE 4

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## SURFACE MOUNT INSTALLATION

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### Surface Mount Installation Instructions:

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

Note: If the surface mount bracket is used for the fixture, a backup driver solution cannot be used.

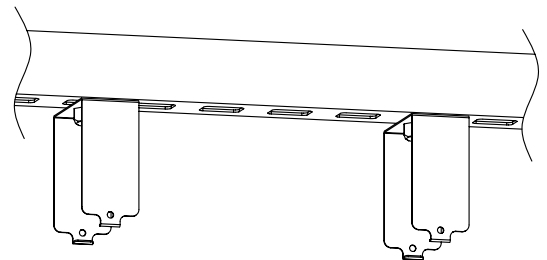


FIGURE 5

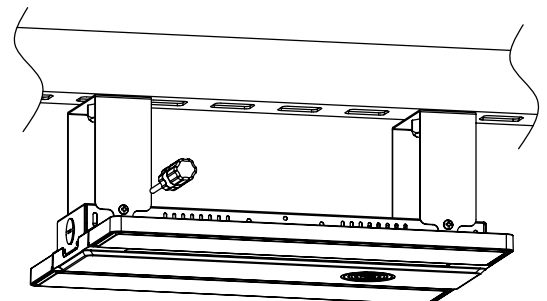


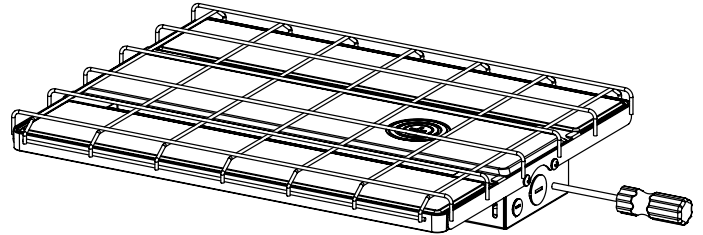
FIGURE 6

Specifications and dimensions subject to change without notice.

## ACCESSORY INSTALLATION

### Wire Guard Installation Instructions:

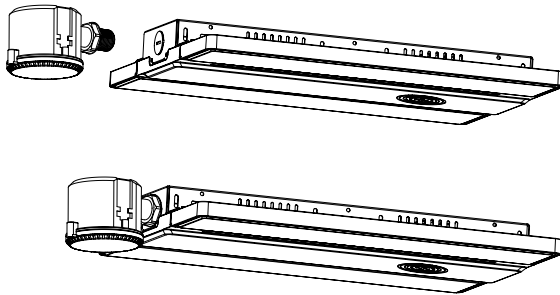
1. Verify the correct size wire guard was purchased for the fixture.
2. Place the wire guard on the fixture and fix it with screws (Figure 7).



**FIGURE 7**

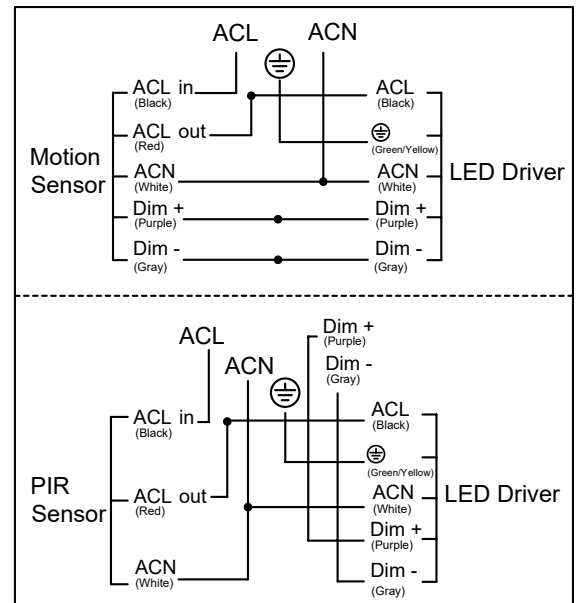
### Motion Sensor /PIR Sensor Installation Instructions:

1. Connect the wires according to the wiring diagram. (Figure 8)



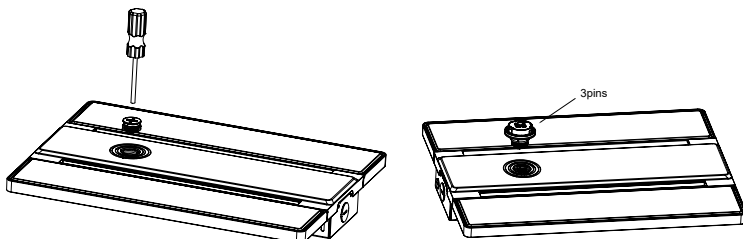
**FIGURE 8**

### Wiring Instruction

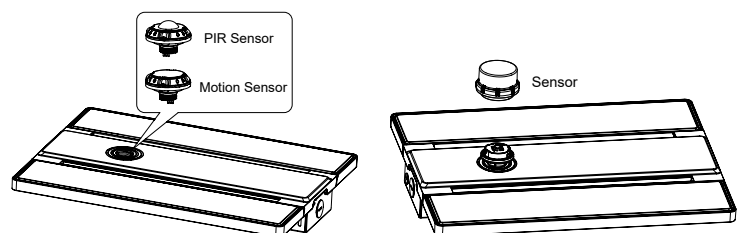


### DC Motion Sensor /PIR Sensor Installation Instructions:

1. Use a screwdriver to remove the 1/2 plug from the sensor; (Figure 9)
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**

Specifications and dimensions subject to change without notice.

## ACCESSORY INSTALLATION

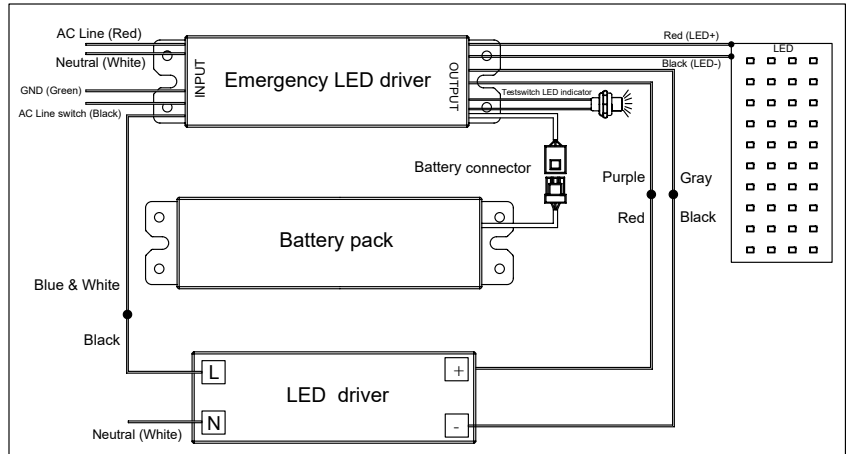
### Backup Driver Wiring Instructions:

1. Open junction box with screw driver.
2. Connect the input wires on each backup driver and fixture driver via suitable knock out, then complete the junction.

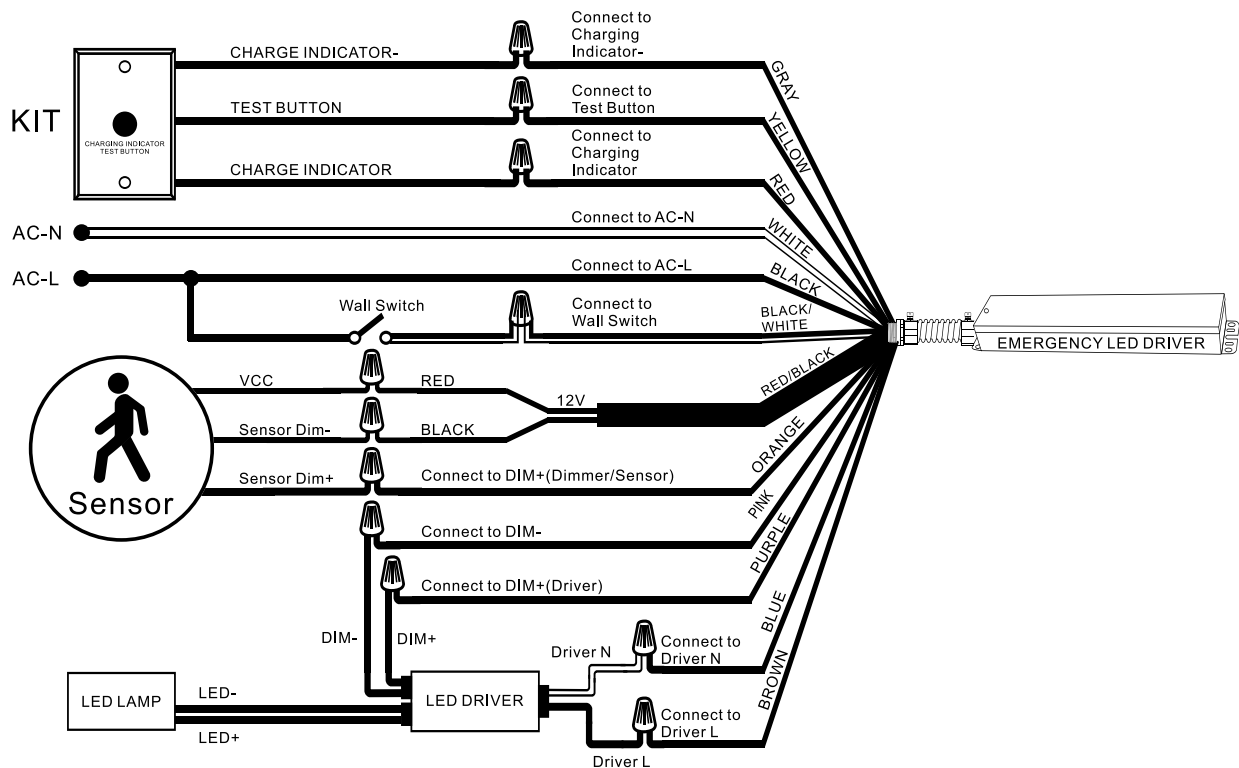
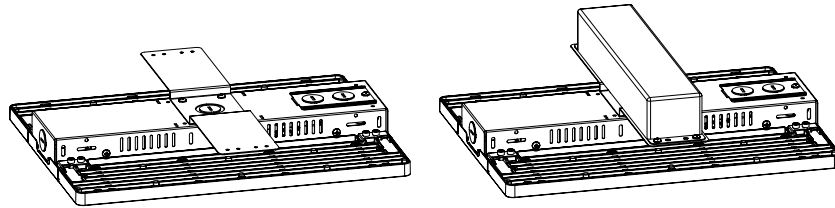
### Backup Driver Installation Instructions:

1. Assemble the bracket onto the back of the light fixture.
2. Assemble the emergency power supply to the bracket, and then connect according to the wiring mode. (Figure 11)

### Wiring diagram (Maintained)



**FIGURE 11**



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