**IMPORTANT SAFEGUARDS**

When using electrical equipment, basic safety precautions should always be followed including the following:

**READ AND FOLLOW ALL SAFETY INSTRUCTIONS**

1. **DANGER** - Risk of shock - Disconnect power before installation.
   - **DANGER** - **RISQUE DE CHOC** - COUPER L’ALIMENTATION AVANT L’INSTALLATION

2. This luminaire must be installed in accordance with the NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.
   - **Ce produit doit être installé conformément à NEC ou votre code électrique local. Si vous n’êtes pas familiar avec ces codes et ces exigences, veuillez contacter un électricien qualifié.**

3. To reduce the risk of electric shock, disconnect both standard and emergency power supplies and converter connector of the emergency driver before servicing.
   - **Pour réduire le risque de décharge électrique, vous devez déconnecter à la fois le disjoncteur divisionnaire ou les fusibles et les alimentations d’urgence avant l’entretien.**

4. Do not use outdoors.
   - **Ne pas utiliser à l’extérieur.**

5. Do not let power supply cords touch hot surfaces.
   - **Ne laissez pas les cordons d’alimentation toucher les surfaces chaudes.**

6. Do not mount near gas or electric heaters.
   - **Ne montez PAS près des appareils de chauffage de gaz ou électriques.**

7. Equipment should be mounted in locations and heights where it will not readily be subjected to tampering by unauthorized personnel.
   - **L’équipement doit être monté dans des endroits et à des hauteurs où il ne sera pas soumis à des altérations par des personnes non autorisées.**

8. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
   - **L’utilisation d’accessoires non recommandés par le fabricant peut causer une situation dangereuse.**

9. Suitable for damp location.
   - **Convient aux emplacements humides.**

10. Maximum ambient operating temperature: 9L, 12L, and 18L(M) = 50°C and 24L, 25L (H), and 30L= 40°C.
    - **Température ambiante maximale de fonctionnement** : 9L, 12L, and 18L(M) = 50°C and 24L, 25L(H), and 30L= 40°C.

11. **MIN 90°C SUPPLY CONDUCTORS**
    - **LES FILS D’ALIMENTATION 90°C MIN.**

12. Check to make sure that all input power connections have been properly made and the module is grounded to avoid potential electrical shock.

13. **DO NOT** lift luminaire by the cord.

**SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE**

**NOTES:**

- For each mounting application below, when mounting to surface ensure that the mounting surface and customer supplied hardware is capable of supporting the weight of the luminaire.
- The center of mounting is NOT the same as the center of luminaire.

<table>
<thead>
<tr>
<th>Lumen output</th>
<th>With prismatic diffuser</th>
<th>With prismatic diffuser and conic lens</th>
</tr>
</thead>
<tbody>
<tr>
<td>9L-12L</td>
<td>30</td>
<td>23</td>
</tr>
<tr>
<td>18L-30L</td>
<td>44</td>
<td>33</td>
</tr>
</tbody>
</table>

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TO INSTALL:

HOCK AND CORD MOUNT

STEP 1:
Push down on retainer spring until top of spring is free of luminaire hook. See Figure 1.

STEP 2:
Slide hook into securely mounted customer supplied eye hanger and return retainer spring to original position.

NOTE: The luminaire should already be factory set for correct balance. If necessary, the fixture may be balanced by loosening the hook adjustment screws on the top of the housing and sliding the hook as necessary for correct balance. Tighten hook adjustment screws when finished. See Figure 1.

STEP 3:
Remove hinged splice box from top of housing by loosening screw and sliding box to the right and up from “L” channel. See Figure 2.

STEP 4:
Make wire connections per Electrical Connections and then push the leads into hinged splice box. Replace the plate and screw. Close the hinged splice box and re-tighten the screw. See Figure 3.

PENDANT MOUNT

STEP 1:
Remove hinged splice box from top of housing by loosening screw and sliding box to the right and up from “L” channel. Unhook from hinge holes. See Figure 2.

STEP 2:
Remove hook, slider plate and cord and discard. Plug junction box knockout hole with provided junction box plug.

STEP 3:
Attach the supplied pendant mount slider plate using (2) supplied screws. Use 3/4” threaded pendant, along with two customer supplied locknuts (one for inside the hinged splice box and one for outside the splice box). Pull supply leads into position from customer supplied conduit.

Note: If necessary, the luminaire may be balanced by loosening (2) screws for pendant adjustment on the top of the hinged splice box and sliding the adjustment plate as necessary for correct balance. Tighten (2) screws when finished. See Figure 2.

STEP 4:
Attach one end of the hinged splice box to luminaire by aligning hinge slots on Mounting Bracket with hinges (on splice box), and then inserting the hinges into the slots.

STEP 5:
Make wire connections per Electrical Connections and then push the leads into hinged splice box. Replace the plate and screw. Close the hinged splice box and re-tighten the screw. See Figure 3.

STEP 6:
Secure other end of the hinged splice box to luminaire by sliding screw on Mounting Bracket up and over in “L” channel on the hinged splice box. See Figure 2.

STEP 7:
Secure luminaire to hinged splice box by tightening screw.
REFLECTOR INSTALLATION

TOOL LESS REFLECTOR:

STEP 1:
Place the reflector over the luminaire mounting tabs so that the big reflector keyhole slots align with the tabs. See Figure 4.

NOTE: For aluminum reflectors, insert two screws, provided with the reflector, for retention as shown in Figure 4.

STEP 2:
Turn the reflector counter-clockwise until it locks into place with the locking feature. See Figure 4.

STEP 3:
To remove the reflector, depress locking tab and turn reflector clockwise.

STANDARD REFLECTOR:

STEP 1:
Loosen the (4) screws, shown in Figure 5, at least 0.1 inch from the heatsink.

NOTE: The view in Figure 5 is of the underside of the luminaire.

STEP 2:
Bring trim into housing and line up the (4) screws from Step 1, with the keyhole slots on the reflector.

STEP 3:
Rotate trim, turn clockwise and tighten the (4) screws from Step 1.

Mounting Lens or Wire Guard To Aluminum Reflector

STEP 1:
Secure the hinge retainer and frame hinge to the reflector using supplied screw and lock nut. See Figure 6.

NOTE: Reflector is pre-punched at position of this installation.

STEP 2:
Swing the wire guard into place and secure to the reflector with the attached spring latch. See Figure 6.

Mounting Lens or Wire Guard To Prismatic Reflector

STEP 1:
Place lens or wire guard onto the bottom of reflector, and place V-band around lens and reflector. See Figure 7.

STEP 2:
Secure lens or wire guard to reflector by tightening screw on V-band. See Figure 7.
EMERGENCY DRIVER CHECK

**NOTE:** For short-term testing of the emergency function, the battery must be charged for at least one hour. The emergency driver must be charged for at least 24 hours before conducting a long-term test.

**STEP 1:**
When AC power is applied, the charging indicator light is illuminated, indicating the battery is being charged. When power fails, the emergency driver automatically switches to emergency power, operating the LED array. When AC power is restored, the emergency driver returns to the charging mode.

**STEP 2:**
Although no routine maintenance is required to keep the emergency driver functional, it should be checked periodically to ensure that it is working. The following schedule is recommended:

- Visually inspect the charging indicator light monthly. It should be illuminated.
- Test the emergency operation of the fixture at 30-day intervals for a minimum of 30 seconds. When the test switch is depressed, the LED array should operate.
- Conduct a 90-minute discharge test once a year. The LED array should operate for at least 90 minutes.

If the luminaire fails any of these checks, consult service personnel.

REFER ANY SERVICING INDICATED BY THESE CHECKS TO QUALIFIED PERSONNEL. EMERGENCY DRIVER AND AC DRIVER MUST BE FED FROM THE SAME BRANCH CIRCUIT.

FEDERAL COMMUNICATION COMMISSION INTERFERENCE STATEMENT

**CAUTION:** Changes or modifications not expressly approved could void your authority to use this equipment.

This device complies with Part 15 of the FCC Rules. Operation to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the device is operated in a commercial environment. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this device in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

INDUSTRY CANADA STATEMENT

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. In addition, this device complies with ICES-003 of the Industry Canada (IC) Regulations.

Le présent appareil est conforme aux CNR d’Industrie Canada applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes : (1) l’appareil ne doit pas produire de brouillage, et (2) l’utilisateur de l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.

INSTALLING SAFETY CABLE

**NOTE:** Safety Cable is sold separately as an accessory, please refer to installation sheet in safety cable packaging for complete installing instructions.

**STEP 1:**
Attach one end of the safety cable through the fin of the heatsink. See **Figure 8**.

**STEP 2:**
Attach other end of the safety cable to mounting surfaces using customer supplied hardware.
ELECTRICAL CONNECTIONS

NOTE: Luminaire is intended to be wired to a specific voltage. Make sure that supply voltage matches voltage on electrical label next to the junction box. Connecting luminaire to voltage other than that specified on the label may result in luminaire damage and/or improper luminaire operation. The emergency driver must be fed from the same branch as the AC Driver.

ELECTRICAL CONNECTIONS MADE IN JUNCTION BOX

STEP 1:
Supply connections can be brought to the junction box using customer supplied conduit.

STEP 2:
Using customer supplied 90°C minimum rated wire connectors, make the following electrical connections within the junction box.

a. Connect the black luminaire lead to the voltage supply hot lead.
b. Connect the white/red luminaire lead to the supply switched hot.
c. Connect white luminaire lead to the neutral supply lead.
d. Connect green lead to the supply ground lead.
e. If 0/1-10v Dimming is used, connect the violet lead to the supply positive dimming lead.
f. If 0/1-10v Dimming is used, connect the gray lead to the supply negative dimming lead.

STEP 3:
Locate the two white leads with connectors located inside the luminaire junction box and connect them.

ELECTRICAL CONNECTIONS MADE WITH CORD

STEP 1:
Supply connections for dimming leads can be brought to the junction box using customer supplied conduit.

STEP 2:
Make the following connection from the cord to customer supplied junction box.

a. Connect the black luminaire hot lead to the voltage supply lead.
b. Connect the red luminaire lead to the supply switched hot.
c. Connect white luminaire lead to the neutral supply lead.
d. Connect green wire lead to the supply ground lead.
e. If 0/1-10v Dimming is used, connect the violet lead to the supply positive dimming lead in the luminaire junction box using 90°C minimum rated wire connectors.
f. If 0/1-10v Dimming is used, connect the gray lead to the supply negative dimming lead in the luminaire junction box using 90°C minimum rated wire connectors.

STEP 3:
Locate the two white leads with connectors located inside the luminaire junction box and connect them.