

IMPORTANT SAFETY INSTRUCTION

Read this installation guide prior to attempting installation. Always turn OFF the main power before starting your installation. Consult a qualified electrician before installation. Installation should be carried out by a qualified electrician.

During installation, basic safety precautions should always be followed, including the following listed:

1. Do not install the lighting system in a damp or wet location.
2. Ensure the appropriate connectors match the luminaire fixture.
3. Do not install any part of the luminaire less than 5 feet above the floor.
4. Do not install any luminaire assembly closer than 5 inches from any window treatments, i.e., curtain, blinds or any similar combustible type material.
5. Do not attempt to energize anything other than the luminaire fixtures.
6. To reduce the risk of fire and electric shock, do not attempt to connect to power tools, extension cords, appliances, or the like, to the track.
7. 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.
8. Do not exceed the nominal supply voltage or amperage ratings.
9. Turn the power OFF at the fuse or circuit breaker box before doing any installation or maintenance activities.
10. Wear rubber soled shoes and work on a sturdy wooden or non-conductive ladder.
11. The lighting product must be mounted in locations and at heights in compliance with the National Electrical Code and with local building codes. Installing contrary to instruction may cause unsafe conditions.
12. To avoid hazards to children, take accountability for all parts and dispose all packing materials properly.
13. It may be necessary to clean the refractor/lens. Frequency of cleaning will depend on ambient dirt level and minimum light output which is acceptable to the 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. Should optical assembly become dirty on the inside, wipe refractor/lens and clean in above manner, replacing damaged gaskets as necessary.
14. Call the Technical Support department at ERALUX about any installation questions.
15. Do not install a 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.
16. 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. Should further information be desired or particular problems arise, not covered sufficiently for the purchaser's or owner's purposes, please contact the Technical Team at ERALUX.



CAUTION

This equipment is intended to be installed only by qualified personnel. The installation must be made in accordance with the current edition of the National Electrical Code (NEC) and all applicable state and local building codes. The final installation must be approved by the appropriate, qualified electrical/building inspector(s). Improper installation may result in a fire or electrical hazard. Ensure the electrical power to the circuit has been disconnected before installing the electrical system.



WARNING

- Risk of fire. Most dwellings built before 1985 have supply wire rated at 60°C.
- Consult a qualified electrician before installation.
- Properly ground electrical enclosure.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Use only UL approved wire for input/output connections. Minimum size 18 AWG or 14 AWG if there are any continuous runs.
- If the fixtures are connected in a continuous run, do not exceed allowable number of fixtures in series/power in continuous runs.
- Inrush currents must be taken in account by the electricians to account for proper circuit design.

CONSIGNES DE SÉCURITÉ

Pour votre sécurité et un bon fonctionnement, lire ces directives avant l'installation. **COUPEZ TOUJOURS** le courant au boîtier disjoncteurs ou a fusibles avant l'installation. **COUPEZ TOUJOURS** le courant pour le changement des lampes ou pour effectuer la maintenance. Consultez avec un électricien avant l'installation.

Pendant l'installation, des précautions de sécurité doivent toujours être suivies. Certains, mais pas tous, sont énumérés ci-dessous :

1. N'installez pas le luminaire dans un endroit humide ou mouillé.
2. Assurez-vous avant l'installation que les connecteurs appropriés correspondent au luminaire.
3. N'installez aucune partie du luminaire à moins de 5 pieds au-dessus du sol.
4. N'installez aucun luminaire à moins de 5 pouces de tout traitement de fenêtre (rideaux, stores, ou tout autre matériau de type combustible.)
5. N'essayez pas de mettre sous tension électrique autre chose que les luminaires.
6. Pour réduire le risque d'incendie et de choc électrique, n'essayez pas de connecter des outils électriques, des rallonges, ou des appareils similaires à la piste.
7. La maintenance des luminaires doit être effectuée par une personne (ou des personnes) familiarisée avec la construction et le fonctionnement des luminaires, et tous les risques potentiels. Des programmes d'entretien réguliers des systèmes d'éclairages sont recommandés.
8. Ne dépassez pas la tension d'alimentation nominale ou l'intensité nominale.
9. **COUPEZ TOUJOURS** l'alimentation au niveau du boîtier de fusibles ou de disjoncteurs avant d'effectuer l'installation ou de maintenance.
10. Portez des chaussures à semelles en caoutchouc, et travaillez sur une échelle solide en bois ou un matériau non conducteur.
11. Le luminaire doit être monté dans un endroit et à une hauteur qui conforme au Code National de L'Électricité et aux codes du bâtiment locaux.
12. Les systèmes d'éclairage peuvent contenir des petites pièces et des emballages hasardeux et dangereux pour les enfants ou les animaux. Veuillez tenir compte de toutes les pièces avec prudence.
13. Il peut être nécessaire de nettoyer le réflecteur et/ou la lentille. La fréquence de nettoyage dépendra du niveau de saleté ambiante et du flux lumineux du luminaire. Le réflecteur/ la lentille doit être lavé dans une solution d'eau tiède et de détergent ménager doux et non abrasif, rince à l'eau claire et essuyé. Si l'ensemble optique est aussi sale à l'intérieur, essuyez et nettoyez de manière ci-dessus, en remplaçant les joints endommagés si nécessaire.
14. Appelez le service d'assistance technique d'ERALUX pour toute question d'installation.
15. N'installez pas un produit endommagé. Ce luminaire a été correctement emballé afin qu'aucune pièce n'ait dû être endommagée pendant le transport. Inspectez pour confirmer. Toute pièce endommagée ou cassée pendant ou après l'assemblage doit être remplacée.
16. Ces instructions ne prétendent pas couvrir tous les détails ou variations de l'équipement ni fournir toutes les éventualités possibles à respecter en rapport avec l'installation, le fonctionnement ou la maintenance. Si des informations supplémentaires sont souhaitées ou si des problèmes particuliers surviennent, qui ne sont pas suffisamment couverts pour les besoins de l'acheteur ou du propriétaire, veuillez contacter l'équipe technique d'ERALUX.



MISE EN GARDE

Cet équipement est destiné à être installé uniquement par du personnel qualifié. L'installation doit être effectuée conformément à l'édition actuelle du National Electrical Code (NEC) et à tous les codes de construction locaux et nationaux applicables. L'installation finale doit être approuvée par le(s) inspecteur(s) électrique/bâtiment qualifié(s). Une mauvaise installation peut entraîner un incendie ou un danger électrique. Assurez-vous que l'alimentation électrique du circuit a été déconnectée avant d'installer le système électrique.



AVERTISSEMENT

- **RISQUE D'INCENDIE!** La plupart des logements construits avant 1985 ont un fil d'alimentation évalué à 60°C.
- Consultez un électricien qualifié avant l'installation.
- Mettre correctement à la terre le boîtier électrique.
- Pour éviter d'endommager ou d'abrasion le câblage, n'exposez pas le câblage aux bords de la tôle ou d'autres objets tranchants.
- Utilisez uniquement un fil approuvé UL pour les connexions d'entrée/sortie. Taille minimale 18 AWG ou 14 AWG s'il y a des courses continues.
- Si les appareils sont connectés en fonctionnement continu, ne dépassez pas le nombre autorisé d'appareils en série/puissance en fonctionnement continu.
- Les courants d'appel doivent être pris en compte par les électriciens pour tenir compte de la bonne conception du circuit.

INSTALLATION COMPONENTS



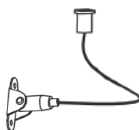
Self-tapping
screw
2 pcs



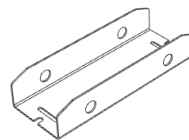
Mounting
screw
6 pcs



Plastic expansion
anchor
2 pcs

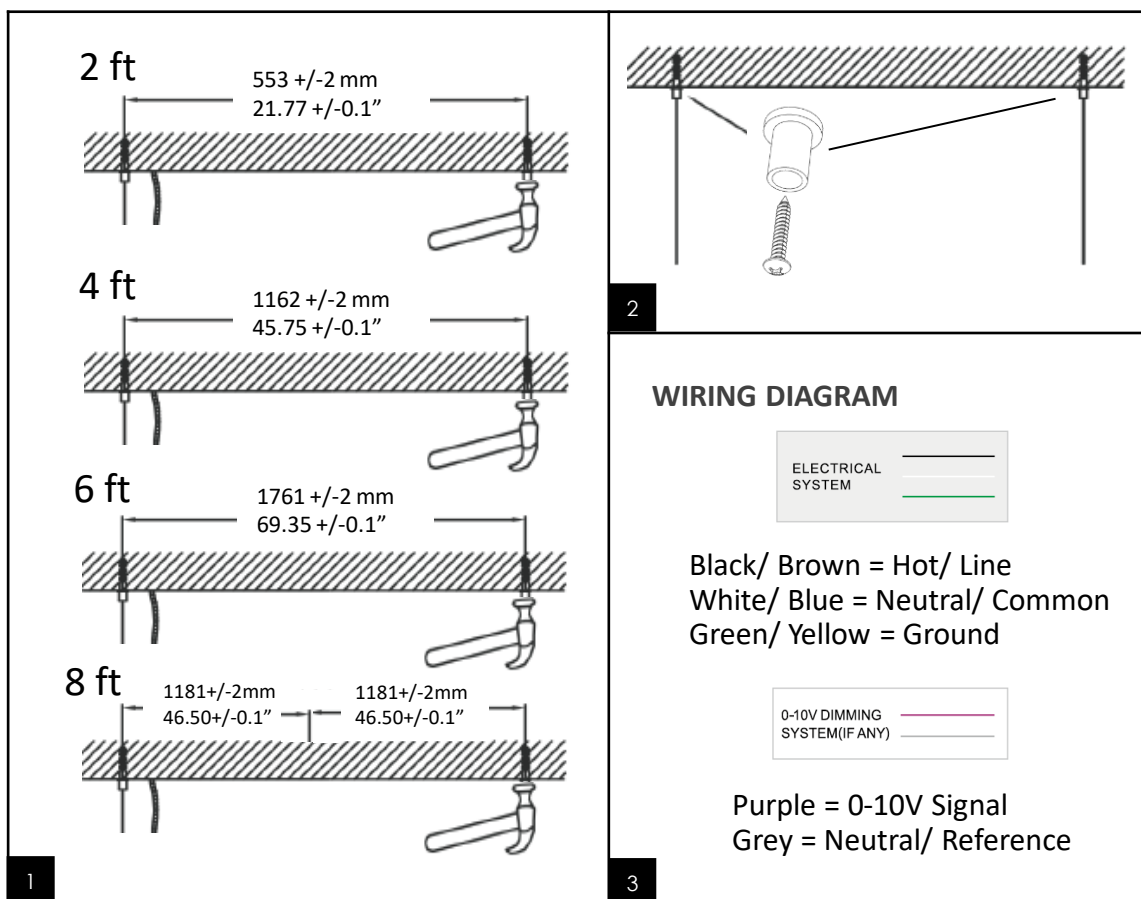


Stainless steel
suspension cable
2 pcs



Connector bracket
(for multiple mounting)
1 pcs

SINGLE LED LINEAR MOUNTING STEPS

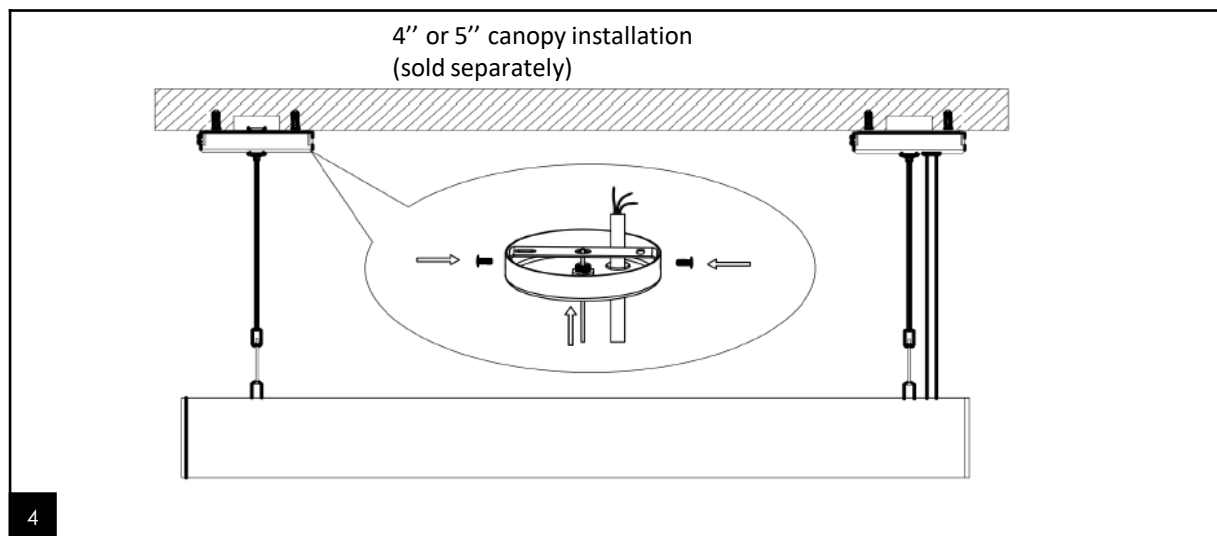


Step 1. Turn **OFF** the POWER on the circuit breaker.

Step 2. Install junction box (sold separately) at required location.

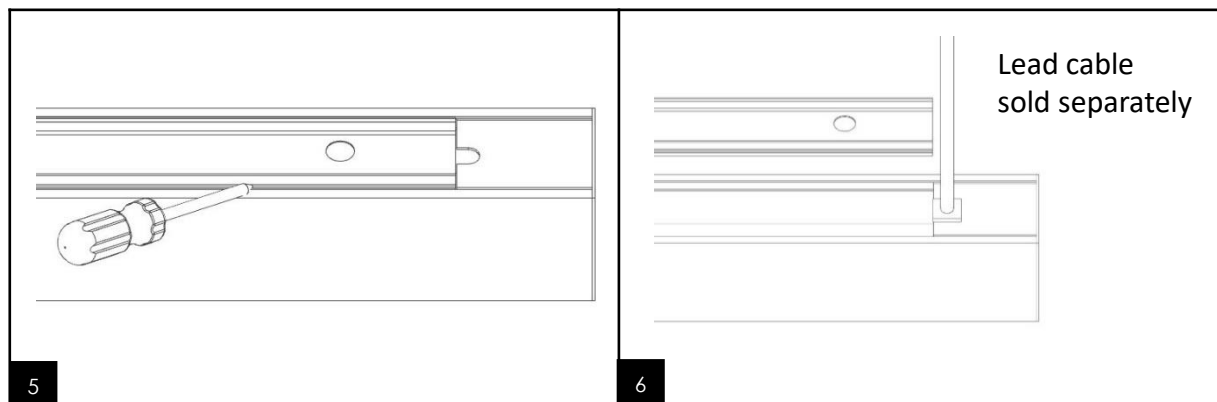
Step 3. Drill two holes based on the marked locations in step 2 and Insert expansion tube into holes. (Figure 1)

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SINGLE LED LINEAR MOUNTING STEPS


Step 4. Unscrew the ceiling mounts from the suspension cable and screw them to the plastic expansion tubes. (Figure 2)

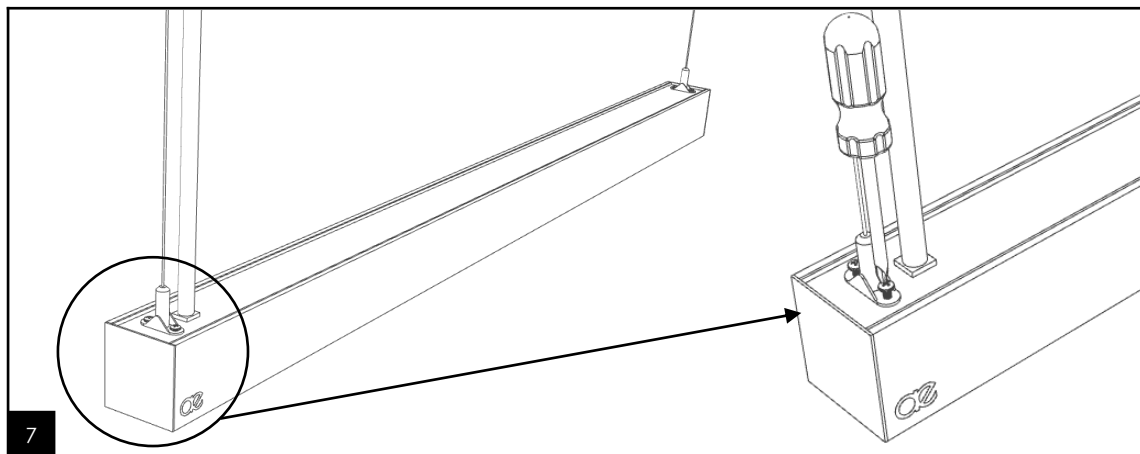
Step 5. For the 4" or 5" canopy installation, screw the metal U bracket to the junction box (supplied by other). (Figure 4)



Step 6. Remove top cover or top LED panel using a flat screwdriver. (Figure 5)

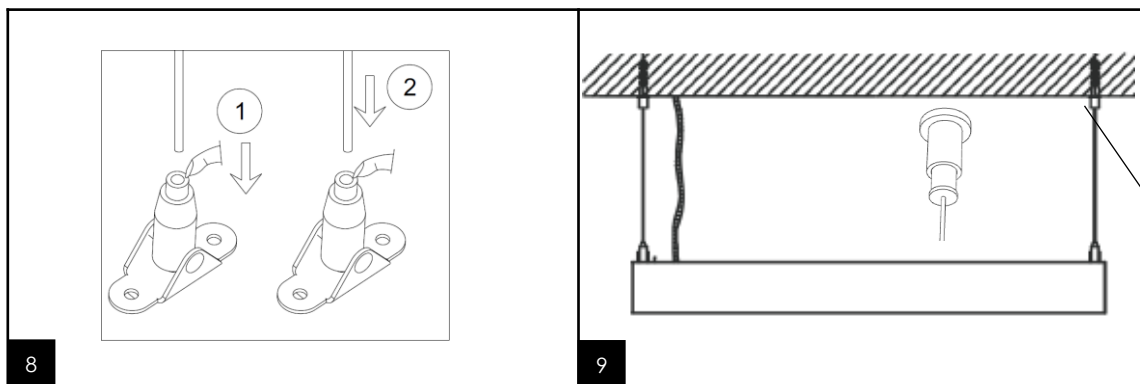
Step 7. Install power cord (sold separately) and make wire connections inside the fixture. (Figure 6). Then reinstall top cover or top LED panel by snapping it in place.

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SINGLE LED LINEAR MOUNTING STEPS


Step 8. Screw the mounting bracket on both ends of the Gen 5 Unit. (Figure 7)

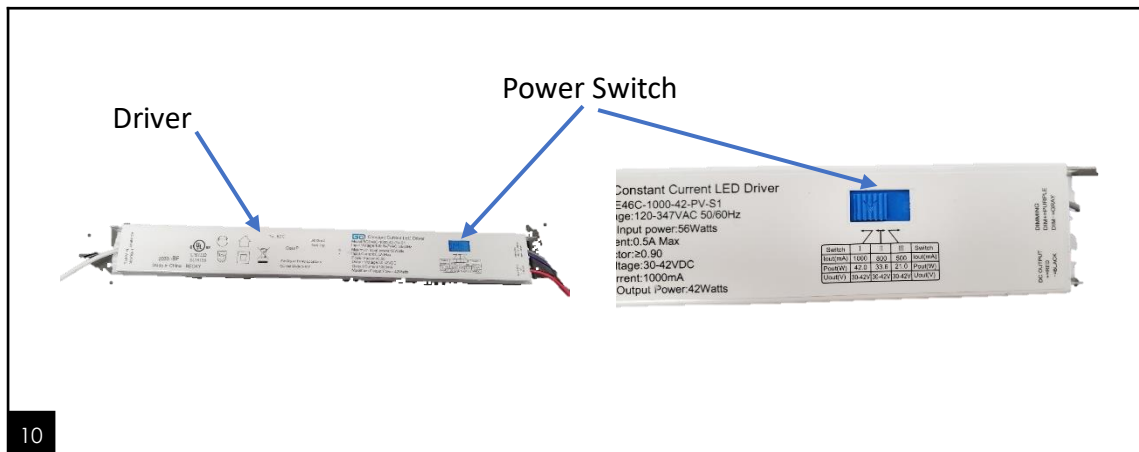
Step 9. Adjust length of cables and cut excess cable.



Step 10. Lift the unit and install the suspension cables to the ceiling mounts. (Figure 8)

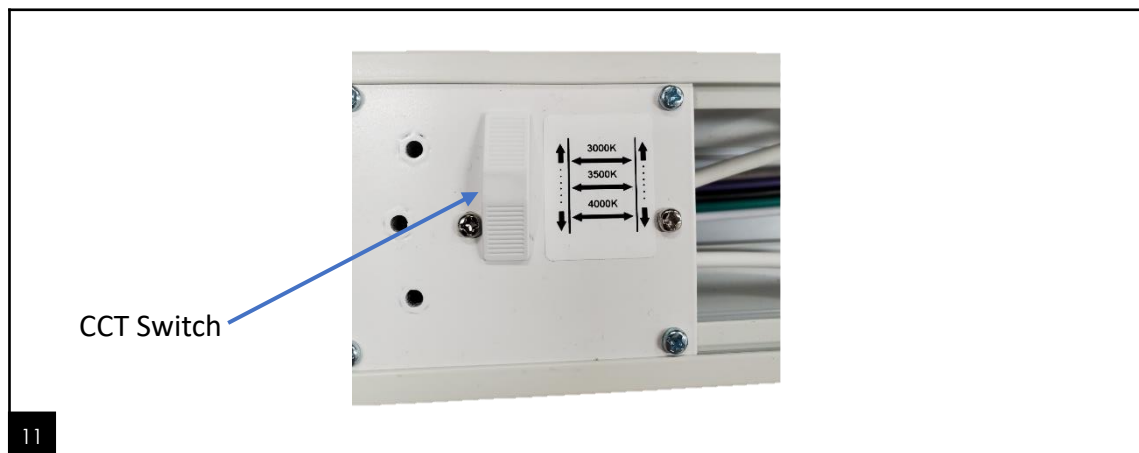
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SINGLE LED LINEAR MOUNTING STEPS

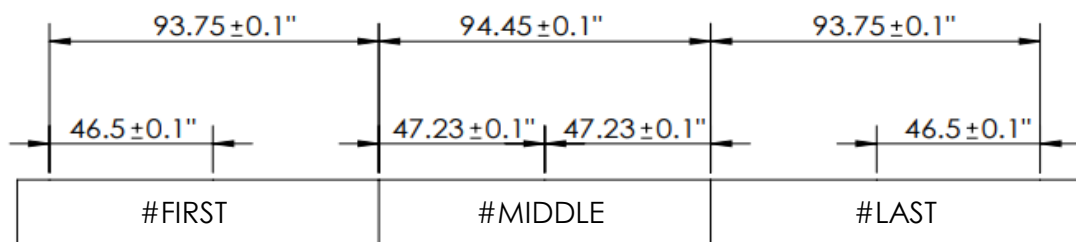
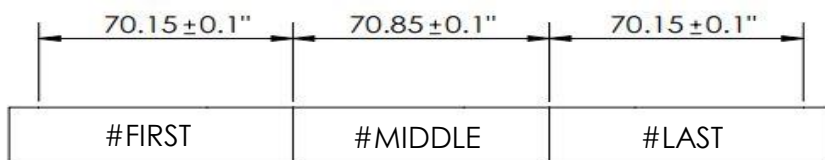
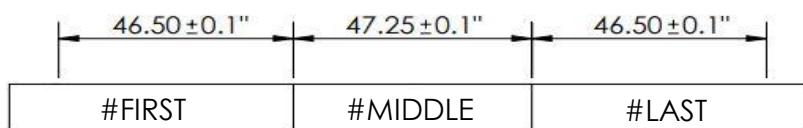


Step 11. Remove driver cover and complete the wiring process by following the wiring diagram in Figure 3. If applicable, select the desired CCT, default setting is the highest. (Figure 10 & 11)

Step 12. Reinstall the front cover and turn ON the breaker to the unit to complete the installation process.



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MULTIPLE LED LINEAR MOUNTING STEPS
8FT CONTINUOUS

6FT CONTINUOUS

4FT CONTINUOUS


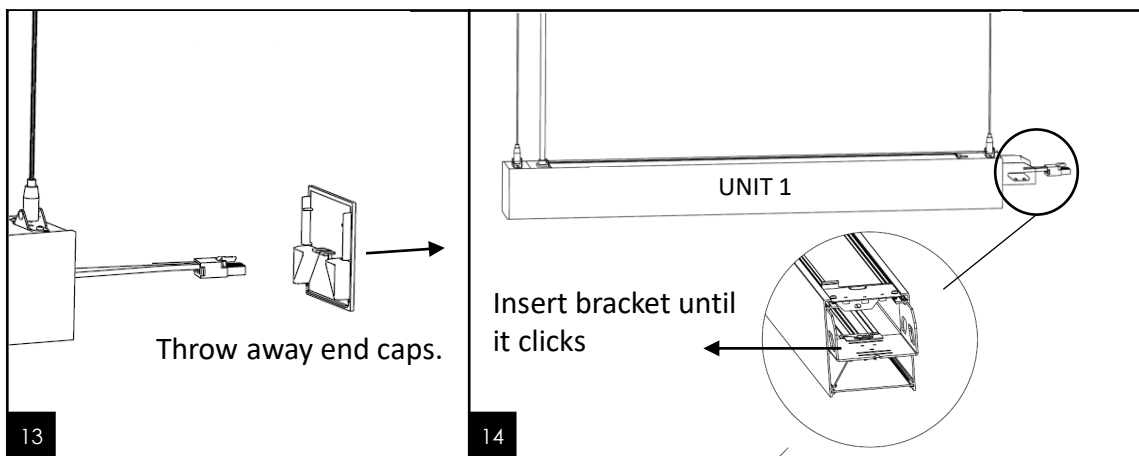
12

Step 1. Turn OFF the POWER on the circuit breaker.

Step 2. Drill .2" (5mm) holes in the ceiling based on dimensions in Figure 12 and insert the plastic expansion tubes.

Step 3. Unscrew the ceiling mounts from the suspension cable and screw them into the plastic expansion tubes.

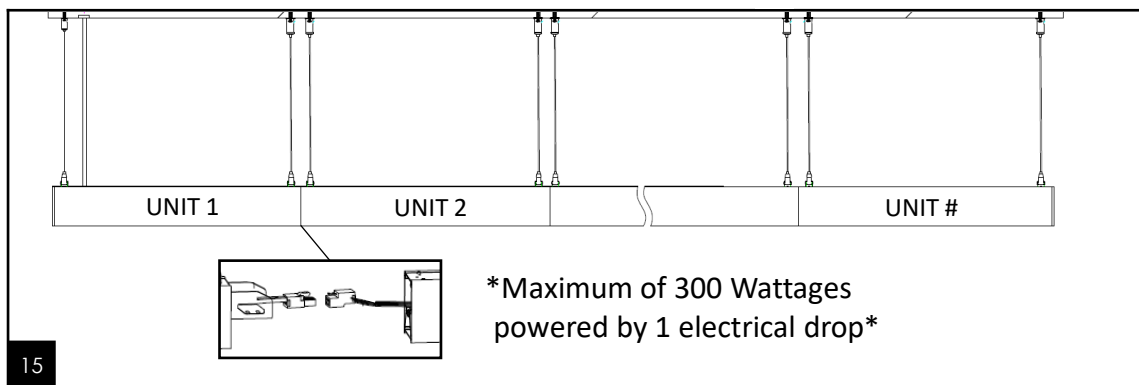
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MULTIPLE LED LINEAR MOUNTING STEPS


Step 4. Remove the right-side end cap (opposite side to the power cable) and insert the metal connector bracket until it clicks (Sold separately). (Figure 13 and 14)

Step 5. Install unit 1 to ceiling mounts and adjust the suspension cables by following the instructions on pages 3, 4 & 5.

Step 6. Prepare unit 2 in the same way as unit 1 but remove both end caps.



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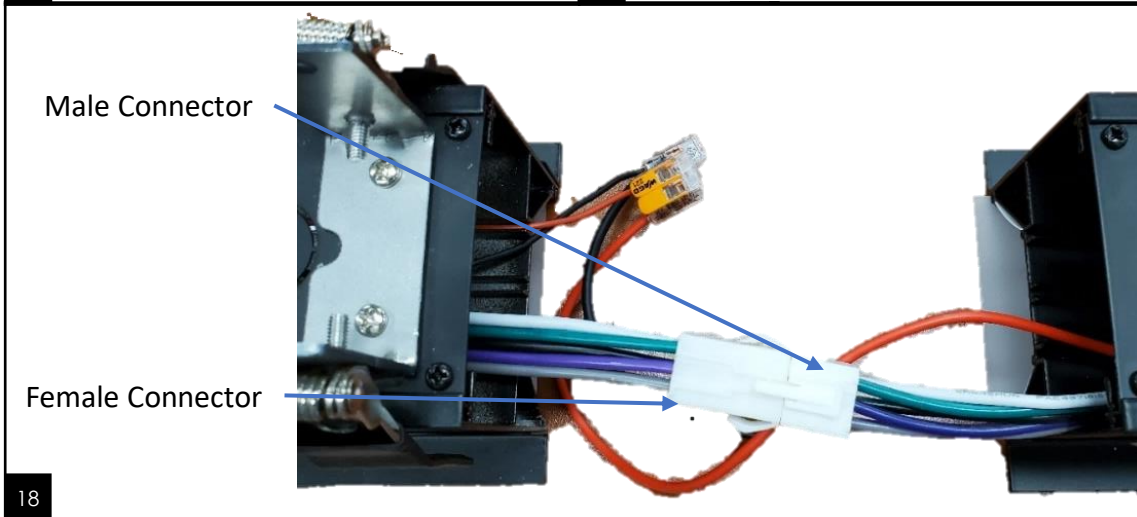
MULTIPLE LED LINEAR MOUNTING STEPS



16



17



18

Step 7. Install unit 2 using suspension wires (Figure 16 & 17) and connect female plug to male plug of unit 1 (Figure 18)

Step 8. Align both units by adjusting suspension wire length and connect both units together until it clicks. (Figure 14)

Step 9. If applicable, select the desired CCT, default setting is the highest CCT.

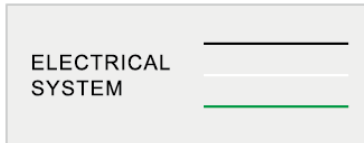
Step 10. Repeat for remaining units. Only one input power cable is required. **Do not exceed a maximum of 300 wattages connected to the same electrical drop.**

Step 11. Turn ON the breaker to complete the installation process.

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MULTIPLE LED LINEAR MOUNTING STEPS

WIRING DIAGRAM



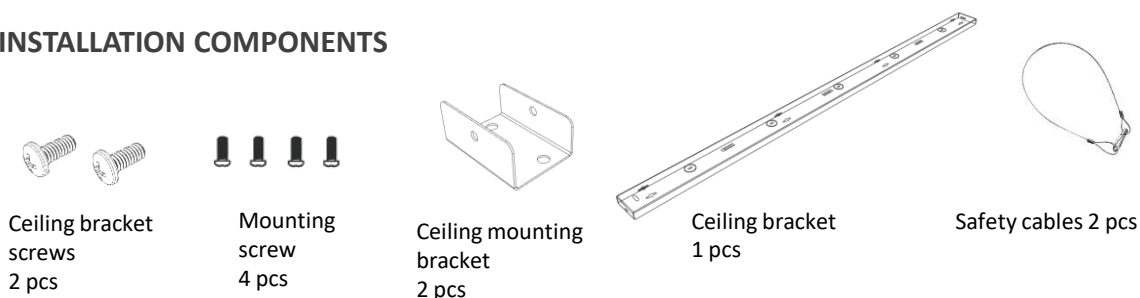
Black/ Brown = Hot/ Line
 White/ Blue = Neutral/ Common
 Green/ Yellow = Ground



Purple = 0-10V Signal
 Grey = Neutral/ Reference

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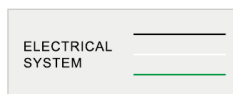
INSTALLATION COMPONENTS



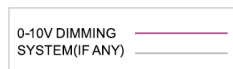
SURFACE MOUNT STEPS

- Step 1.** Turn OFF the POWER on the circuit breaker.
- Step 2.** Drill holes in the ceiling following the slot pattern of the ceiling bracket. The dimensions between slots are 360 mm. (Figure 1)
- Step 3.** Remove the required knockout hole and screw the ceiling bracket using the slots to the ceiling. (Figure 2)
- Step 4.** Screw the 2 mounting brackets to the fixture using the mounting screws and install the safety cables. (Figure 3 and 4)
- Step 5.** Raise the fixture and secure it to the ceiling bracket using the safety wires on both ends. (Figure 5)
- Step 6.** Complete wiring process as per wiring diagram below and Select the required CCT.
- Step 7.** Tuck in all the wires and raise the fixture in the ceiling bracket. Secure by tightening both screws on each end. (Figure 6)
- Step 8.** Turn ON the breaker to the unit to complete the installation process.

WIRING DIAGRAM

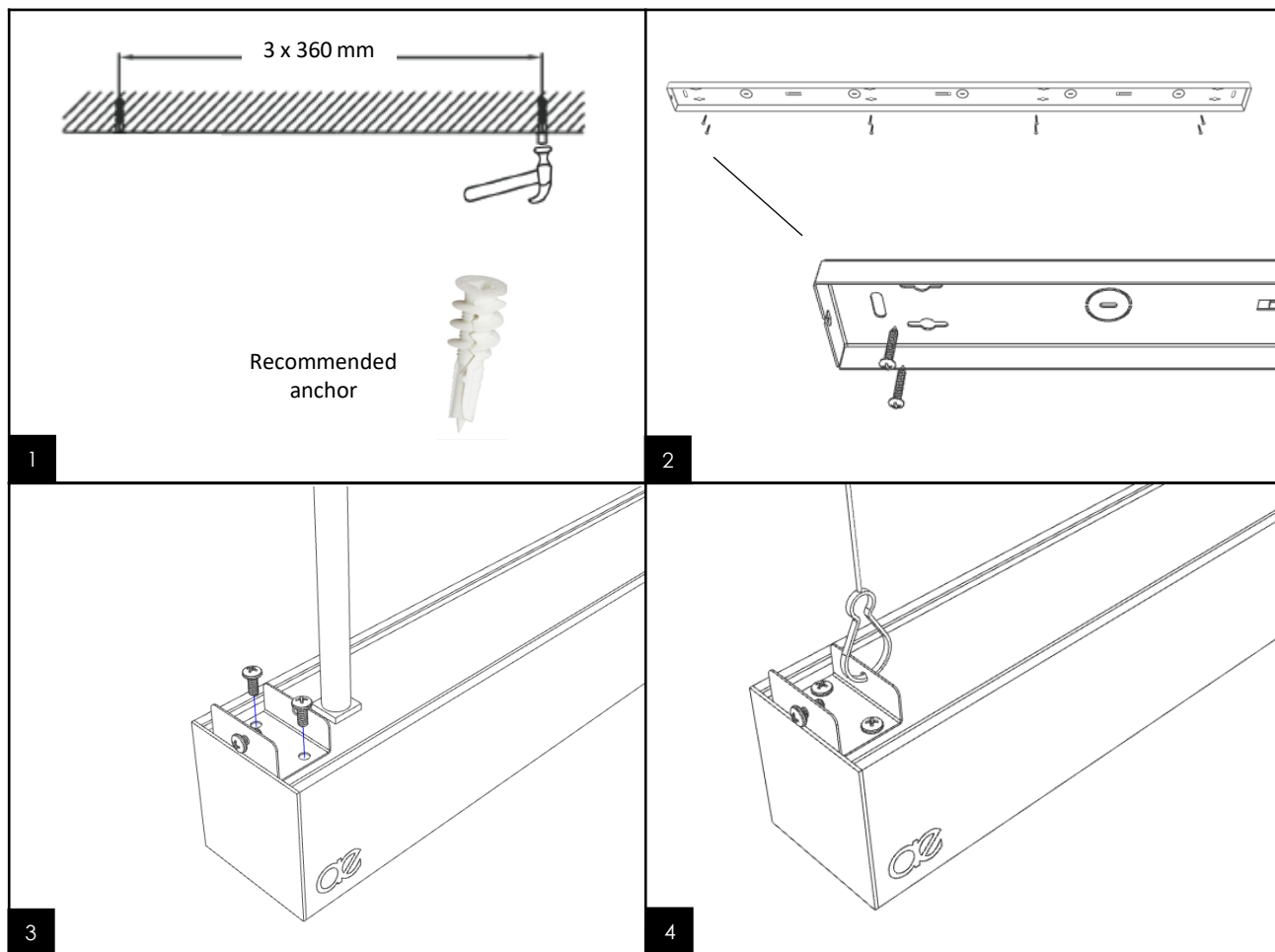


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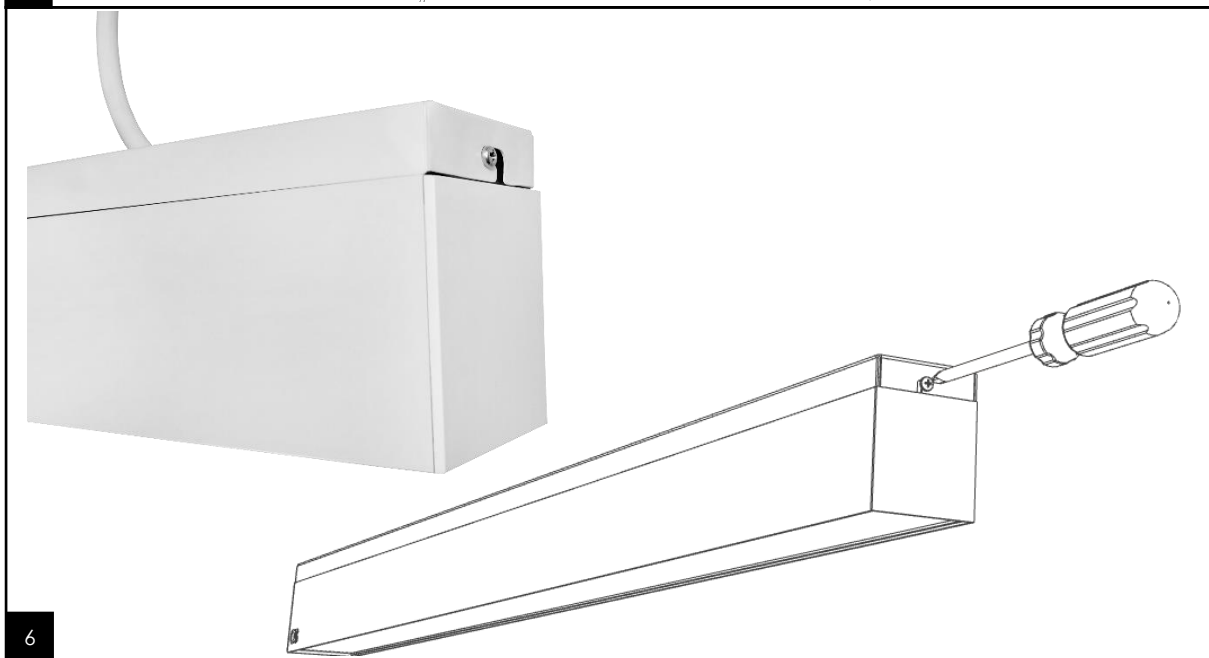
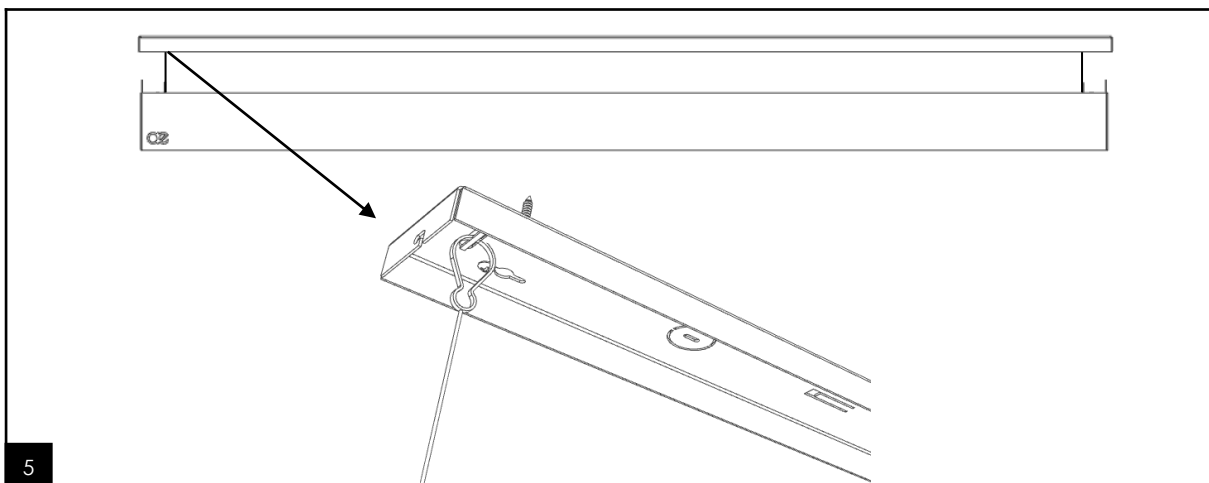
Purple = 0-10V Signal
Grey = Neutral/ Reference

SURFACE MOUNT STEPS



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If ceiling straightness is not adequate, a misalignment could be visible between the fixture and the ceiling

SURFACE MOUNT STEPS



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SURFACE MOUNT STEPS – CONTINUOUS MOUNT (8 ft)

Step 1. Turn OFF the POWER on the circuit breaker.

Step 2. Follow instructions of Figure 1 and 2 on page 4.

Step 3. Install the second ceiling bracket right next to first one

Step 4. Remove endcaps and install connector bracket (sold separately) in one of the Gen5 fixtures. (Figure 7). Before pushing both 4 ft fixtures together, connect the interconnect cable. (Figure 8)

Step 5. For an 8 feet surface mount installation, you only require 1 middle bracket to mount the surface mount bracket to the fixture. The 8 feet fixture, if consisted of 2 of the 4 FT must be mounted and connected together before starting to connect to the surface mount bracket. This will facilitate the seamless connected between the two of the 4 FT fixture.

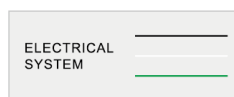
Remove one of the U-bracket in the middle 2 Gen 5 fixtures (Figure 9). The connection point of the 8 FT construction to the mounting bracket will be using 3 brackets. One of each ends of the 8 Feet and 1 in the middle. This is shown in the picture. (Figure 9)

Step 6. Complete wiring process as per wiring diagram below and Select the required CCT.

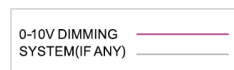
Step 7. Tuck in all the wires and raise the fixture in the ceiling bracket. Secure by tightening both screws on each end. (Figure 10)

Step 8. Turn ON the breaker to the unit to complete the installation process.

WIRING DIAGRAM



Black/ Brown = Hot/ Line
White/ Blue = Neutral/ Common
Green/ Yellow = Ground

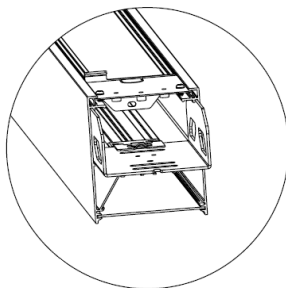


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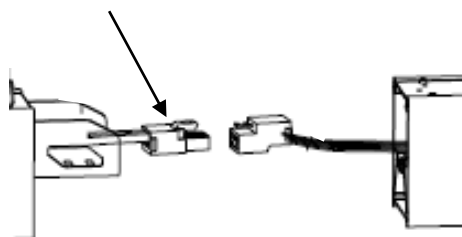
SURFACE MOUNT STEPS – CONTINUOUS MOUNT (8 Ft)

Insert bracket until
it clicks



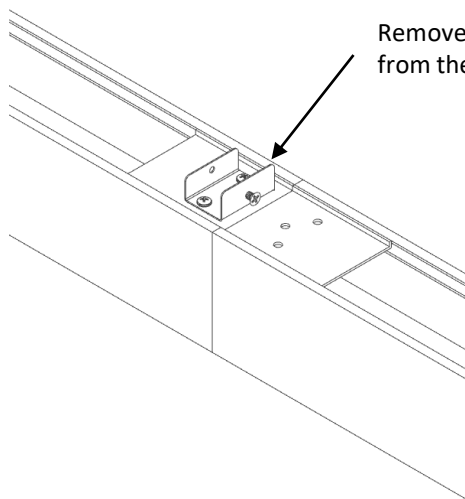
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Interconnect cables

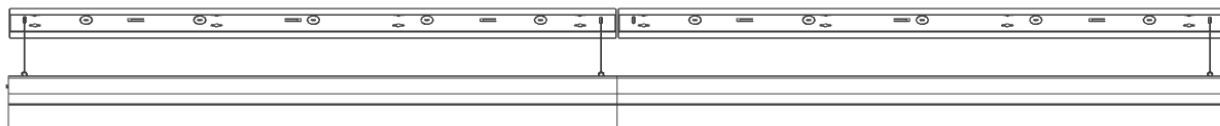


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Remove 1x U bracket
from the middle



9



10