



INSTALLATION INSTRUCTIONS

**For Mounting utilizing
SURFACE MOUNT KITS
for both Single and Multiple tracks.**



SURFACE/PENDANT/RECESSED TRACK INSTALLATION INSTRUCTIONS

—SINGLE TRACK ONLY

FOR MOUNTING USING MSA16 SURFACE MOUNT KITS

CAUTION:

1. BEFORE INSTALLING THE LIGHT FIXTURES, PLEASE READ THE INSTALLATION INSTRUCTION CAREFULLY.
2. DISCONNECT POWER AT CIRCUIT BREAKER BEFORE INSTALLATION OR SERVICING.
3. DO NOT INSTALL THE TRACK IN DAMP OR WET LOCATIONS.
4. THIS TRACK IS IP20, INDOOR USE ONLY.
5. ALL ELECTRICAL CONNECTIONS SHOULD BE DONE BY A QUALIFIED ELECTRICIAN.

AVERTISSEMENT:

1. LIRE LES DIRECTIVES POUR L'INSTALLATION ATTENTIVEMENT AVANT D'INSTALLER LES LUMINAIRES.
2. DÉBRANCHER L'ALIMENTATION AU DISJONCTEUR AVANT L'INSTALLATION, UN ENTRETIEN OU UNE RÉPARATION.
3. NE PAS INSTALLER LE RAIL DANS UN LIEU HUMIDE.
4. CE RAIL A UN INDICE DE PROTECTION IP20 – IL EST RÉSERVÉ À UN USAGE À L'INTÉRIEUR.
5. LES RACCORDEMENTS ÉLECTRIQUES DOIVENT ÊTRE EFFECTUÉS PAR UN ÉLECTRICIEN QUALIFIÉ. ÉLECTRICIEN QUALIFIÉ.

NOTE:

1. TRACK SECTIONS SHOULD BE JOINED TOGETHER ON THE FLOOR BEFORE INSTALLING INTO THE CEILING.
2. WHEN INSTALLING LONGER TRACK RUNS UTILIZING MULTIPLE 96 WATT SECTIONS, YOU MUST ENSURE THE ELECTRICAL CONNECTION BETWEEN EACH SECTION IS TERMINATED. A NEW CONNECTION FROM THE DRIVER SHOULD BE MADE AT THE START OF EACH ADDITIONAL 96 WATT SECTION WITHOUT THE USE OF MSA22 4-PIN CONNECTORS OR RECESSED CABLE CONNECTORS.

REMARQUE:

1. LES PARTIES DU RAIL DOIVENT ÊTRE FIXÉES ENSEMBLE SUR LE PLANCHER AVANT L'INSTALLATION AU PLAFOND.
2. LORS DE L'INSTALLATION DE RAILS PLUS LONGS EN UTILISANT PLUSIEURS SECTIONS DE 96 W, VOUS DEVEZ VOUS ASSURER QUE LA CONNEXION ÉLECTRIQUE ENTRE CHAQUE SECTION EST EFFECTUÉE. UNE NOUVELLE CONNEXION À PARTIR DU PILOTE DOIT ÊTRE ÉTABLIE AU DÉBUT DE CHAQUE SECTION DE 96 W SUPPLÉMENTAIRE, ET CE, SANS L'UTILISATION DE CONNECTEURS MSA22 À QUATRE BROCHES OU DE CONNECTEURS DE CÂBLE ENCASTRÉS.

ACCESSORIES REQUIRED:

KENDAL MODEL MSA16

WHICH INCLUDES: 4 × NEW SURFACE KITS 

4 × SCREWS 

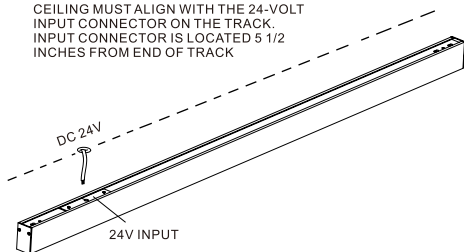
4 × WALL PLUGS 

4 × WASHER 

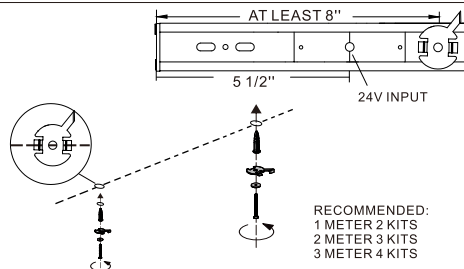
INSTALLATION

STEP 1 MARK CENTER LINE WHERE TRACK IS TO BE INSTALLED

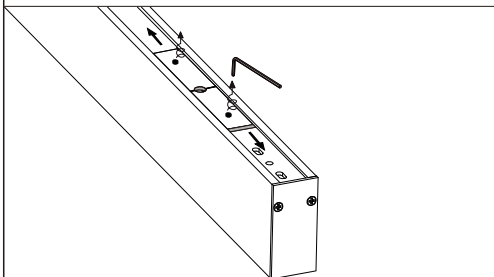
NOTE: 24-VOLT POWER COMING FROM CEILING MUST ALIGN WITH THE 24-VOLT INPUT CONNECTOR ON THE TRACK. INPUT CONNECTOR IS LOCATED 5 1/2 INCHES FROM END OF TRACK



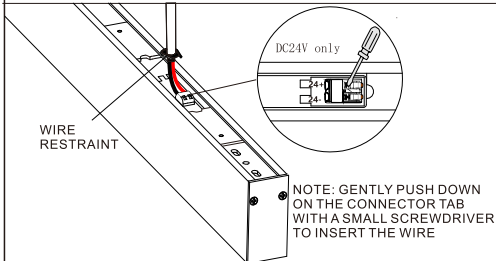
STEP 2 INSTALL SURFACE MOUNT KITS ALONG CENTER LINE BUT DO NOT OVER TIGHTEN. DO NOT INSTALL SURFACE MOUNT KITS WITHIN 8" OF THE ENDS OF THE TRACK AS THIS MAY INTERFERE WITH THE POWER ACCESS AREA AND WHERE TRACK JOINERS MAY BE USED.



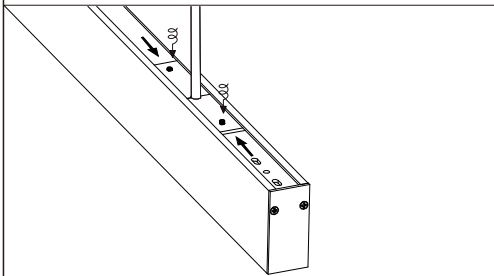
STEP 3 USING PROVIDED ALLEN WRENCH, LOOSEN SET SCREWS ON POWER LOCATION ACCESS COVERS. SLIDE THE COVERS OPEN TO ACCESS THE 24 VOLT POWER CONNECTION.



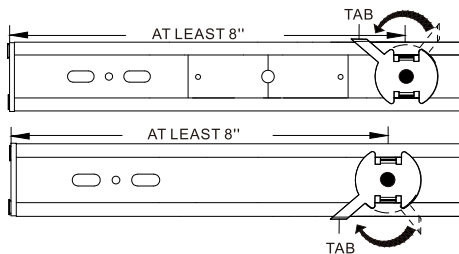
STEP 4 CONNECT 24 VOLT POWER FROM THE DRIVER TO THE 24 VOLT ON THE TRACK, RED WIRE TO POSITIVE AND BLACK WIRE TO NEGATIVE. ATTACH THE WIRE RESTRAINT TO THE POWER CORD.



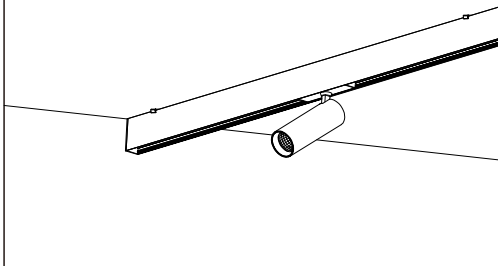
STEP 5 SLIDE COVERS BACK OVER ACCESS HOLE AND TIGHTEN SET SCREWS



STEP 6 SECURE TRACK TO CEILING BY TURNING THE SURFACE MOUNT KITS LOCKING TRACK IN PLACE (KITS CAN BE USED SO THE TABS CAN BE ON EITHER SIDE OF THE TRACK EXAMPLE ALL ONE SIDE OR ALTERNATING FROM ONE SIDE TO THE OTHER)



STEP 7 INSTALL THE ELEMENTS





KENDAL
LIGHTING INC.

MAGNA
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MAGNETIC LIGHTING SYSTEM

SURFACE/PENDANT/RECESSED TRACK INSTALLATION INSTRUCTIONS —IF USING MORE THAN ONE TRACK FOR MOUNTING USING MSA16 SURFACE MOUNT KITS

ACCESSORIES REQUIRED:

KENDAL MODEL MSA02 TRACK CONNECTOR 

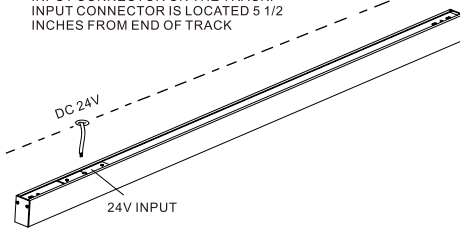
KENDAL MODEL MSA01 POWER PLATE 

KENDAL MODEL MSA16 SURFACE MOUNT KITS  - AS NEEDED

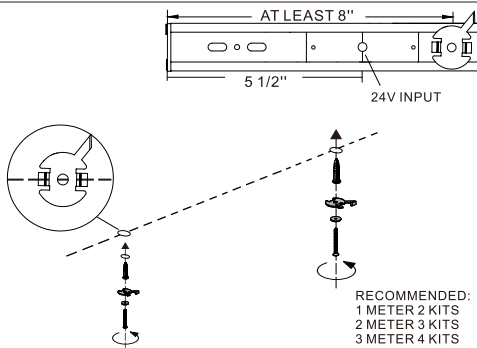
INSTALLATION

STEP 1 MARK CENTER LINE WHERE TRACK IS TO BE INSTALLED

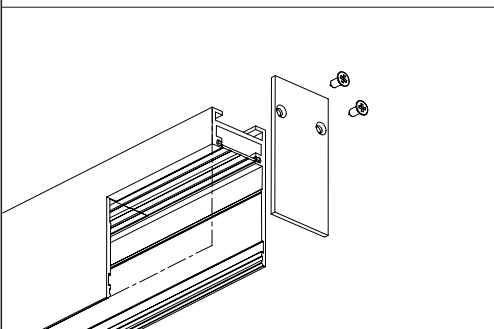
NOTE: 24-VOLT POWER COMING FROM
CEILING MUST ALIGN WITH THE 24-VOLT
INPUT CONNECTOR ON THE TRACK.
INPUT CONNECTOR IS LOCATED 5 1/2
INCHES FROM END OF TRACK



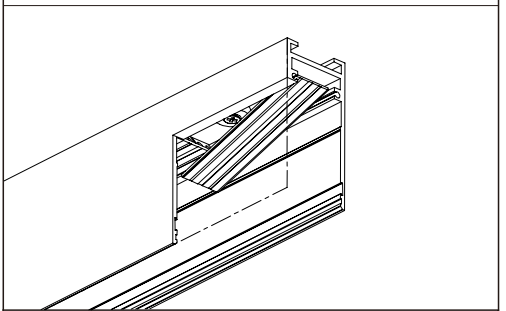
**STEP 2 INSTALL SURFACE MOUNT KITS ALONG CENTER LINE BUT
DO NOT OVER TIGHTEN. DO NOT INSTALL SURFACE MOUNT
KITS WITHIN 8" OF THE ENDS OF THE TRACK AS THIS MAY
INTERFERE WITH THE POWER ACCESS AREA AND WHERE
TRACK JOINERS MAY BE USED.**



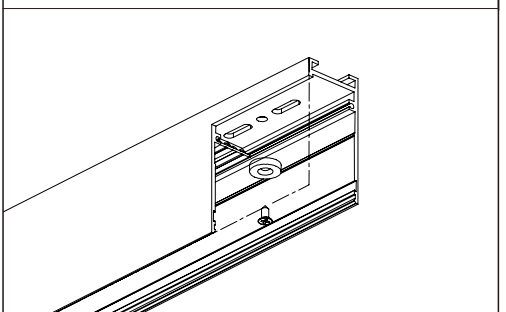
STEP 3 REMOVE END CAPS WHERE TRACK IS BEING JOINED



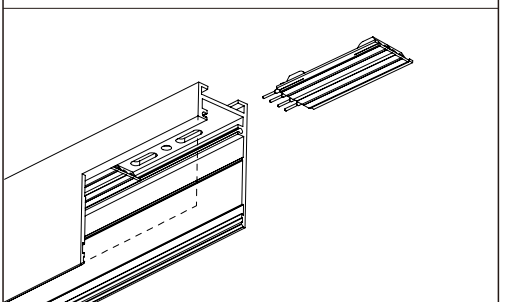
STEP 4 REMOVE DECORATIVE PLATE FROM TRACK BEING ADDED



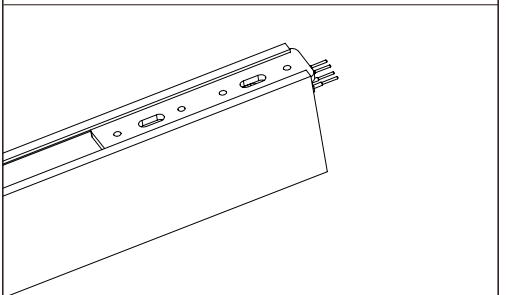
STEP 5 REMOVE MAGNET FROM TRACK BEING ADDED



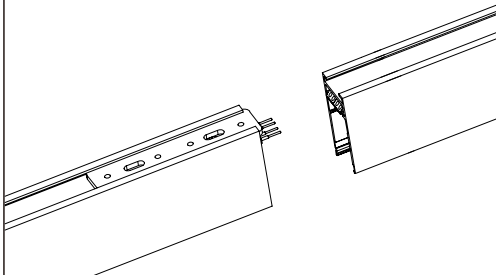
STEP 6 INSTALL A POWER PLATE MSA01



**STEP 7 INSTALL A TRACK CONNECTOR MSA02 TO THE END OF THE
TRACK BY INSERTING INTO THE SLOT ON THE BACK OF THE
TRACK. SLIDE THE CONNECTOR IN ALL THE WAY SO THE
PINS ARE VISIBLE WHEN JOINING THE TRACKS TOGETHER.**

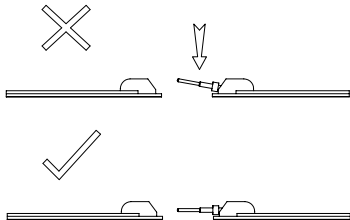


STEP 8 WHILE CAREFULLY LINING UP THE PIN CONNECTORS WITH PIN CONNECTOR HOLES ON THE OTHER TRACK JOIN THE TRACKS TOGETHER.

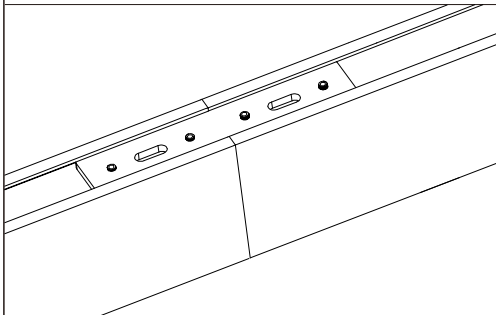


ATTENTION:

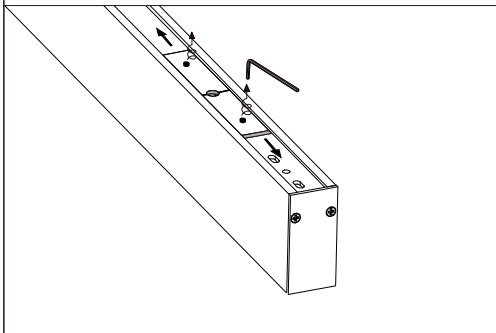
WHEN JOINING TRACKS OR ACCESSORIES UTILIZING PIN CONNECTORS, MAKE SURE PINS ARE HORIZONTAL AND LINE UP WITH PIN CONNECTOR HOLES. YOU MAY NEED TO GENTLY PUSH UP OR DOWN ON THE PINS SO THEY LINE UP CORRECTLY. FAILING TO DO THIS MAY RESULT IN PINS MISSING THE PIN CONNECTOR HOLES AND LOSS OF THE 24 VOLT CONNECTION.



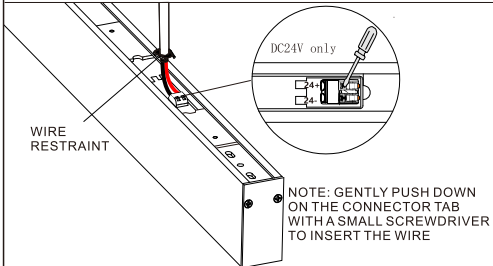
STEP 9 SLIDE THE MSA02 TRACK CONNECTOR BACK SO IT IS HALF WAY ONTO EACH TRACK AND TIGHTEN SET SCREWS



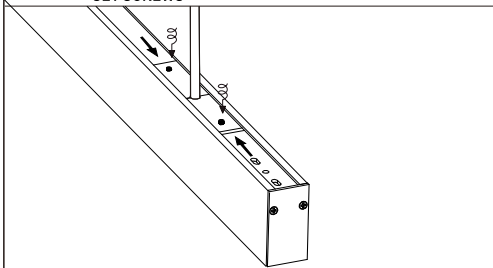
STEP 10 USING PROVIDED ALLEN WRENCH, LOOSEN SET SCREWS ON POWER LOCATION ACCESS COVERS. SLIDE THE COVERS OPEN TO ACCESS THE 24 VOLT POWER CONNECTION.



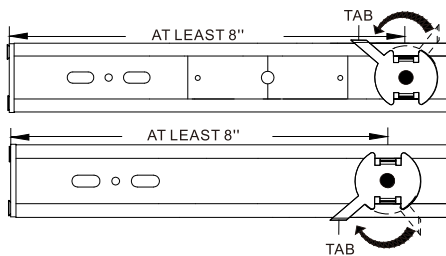
STEP 11 CONNECT 24 VOLT POWER FROM THE DRIVER TO THE 24 VOLT ON THE TRACK, RED WIRE TO POSITIVE AND BLACK WIRE TO NEGATIVE. ATTACH THE WIRE RESTRAINT TO THE POWER CORD.



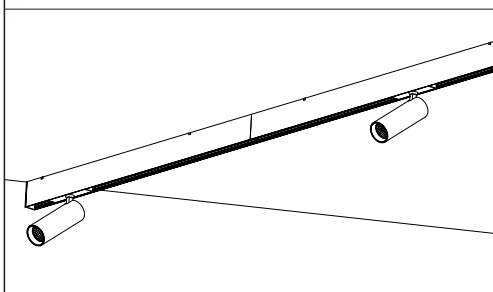
STEP 12 SLIDE COVERS BACK OVER ACCESS HOLE AND TIGHTEN SET SCREWS



STEP 13 SECURE TRACK TO CEILING BY TURNING THE SURFACE MOUNT KITS LOCKING TRACK IN PLACE (KITS CAN BE USED SO THE TABS CAN BE ON EITHER SIDE OF THE TRACK EXAMPLE ALL ONE SIDE OR ALTERNATING FROM ONE SIDE TO THE OTHER)



STEP 14 INSTALL THE ELEMENTS



NOTE:

AFTER EACH TRACK CONNECTION A CONTINUITY TEST SHOULD BE DONE TO ENSURE PROPER ELECTRICAL CONNECTIONS WERE MADE.

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INSTALLATION INSTRUCTIONS

For
DIRECT MOUNTING
for both Single and Multiple tracks.



SURFACE/PENDANT/RECESSED TRACK INSTALLATION INSTRUCTIONS

—SINGLE TRACK ONLY

FOR MOUNTING DIRECTLY TO CEILING

CAUTION:

1. BEFORE INSTALLING THE LIGHT FIXTURES, PLEASE READ THE INSTALLATION INSTRUCTIONS CAREFULLY.
2. DISCONNECT POWER AT CIRCUIT BREAKER BEFORE INSTALLATION OR SERVICING.
3. DO NOT INSTALL THE TRACK IN DAMP OR WET LOCATIONS.
4. THIS TRACK IS IP20, INDOOR USE ONLY.
5. ALL ELECTRICAL CONNECTIONS SHOULD BE DONE BY A QUALIFIED ELECTRICIAN.

AVERTIR:

1. AVANT D'INSTALLER LES LUMINAIRES, VEUILLEZ LIRE ATTENTIVEMENT LES INSTRUCTIONS D'INSTALLATION.
2. DÉBRANCHEZ L'ALIMENTATION AU DISJONCTEUR AVANT L'INSTALLATION OU ENTRETIEN.
3. NE PAS INSTALLER LA CHENILLE DANS DES ENDROIT HUMIDE OU MOUILLÉ.
4. CETTE PISTE EST IP20, UTILISATION EN INTÉRIEUR UNIQUEMENT.
5. TOUS LES RACCORDEMENTS ÉLECTRIQUES DOIVENT ÊTRE EFFECTUÉS PAR UN ÉLECTRICIEN QUALIFIÉ.

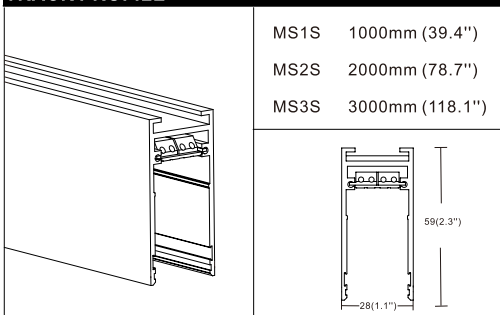
NOTE:

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2. WHEN INSTALLING LONGER TRACK RUNS UTILIZING MULTIPLE 96 WATT SECTIONS, YOU MUST ENSURE THE ELECTRICAL CONNECTION BETWEEN EACH SECTION IS TERMINATED. A NEW CONNECTION FROM THE DRIVER SHOULD BE MADE AT THE START OF EACH ADDITIONAL 96 WATT SECTION WITHOUT THE USE OF MSA22 4-PIN CONNECTORS OR RECESSED CABLE CONNECTORS.

REMARQUE:

1. LES PARTIES DU RAIL DOIVENT ÊTRE FIXÉES ENSEMBLE SUR LE PLANCHER AVANT L'INSTALLATION AU PLAFOND.
2. LORS DE L'INSTALLATION DE RAILS PLUS LONGS EN UTILISANT PLUSIEURS SECTIONS DE 96 W, VOUS DEVEZ VOUS ASSURER QUE LA CONNEXION ÉLECTRIQUE ENTRE CHAQUE SECTION EST EFFECTUÉE. UNE NOUVELLE CONNEXION À PARTIR DU PILOTE DOIT ÊTRE ÉTABLIE AU DÉBUT DE CHAQUE SECTION DE 96 W SUPPLÉMENTAIRE, ET CE, SANS L'UTILISATION DE CONNECTEURS MSA22 À QUATRE BROCHES OU DE CONNECTEURS DE CÂBLE ENCASTRÉS.

TRACK PROFILE







INCLUDED HARDWARE




MS1S (ONE METER TRACK) INCLUDES:

- 2 × SCREWS  2 × WALL PLUGS 
 1 × ALLEN WRENCH  1 × WIRE RESTRAINT 

MS2S (TWO METER TRACK) INCLUDES:

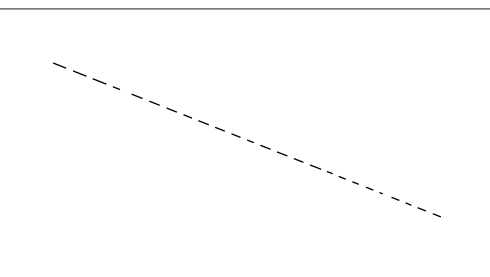
- 4 × SCREWS  4 × WALL PLUGS 
 1 × ALLEN WRENCH  1 × WIRE RESTRAINT 

MS3S (THREE METER TRACK) INCLUDES:

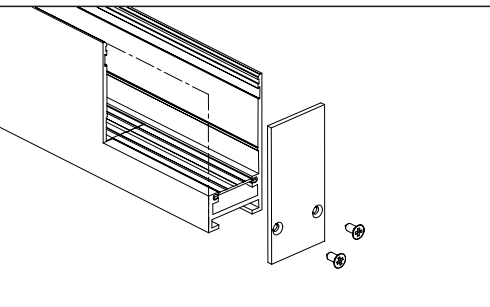
- 6 × SCREWS  6 × WALL PLUGS 
 1 × ALLEN WRENCH  1 × WIRE RESTRAINT 

INSTALLATION

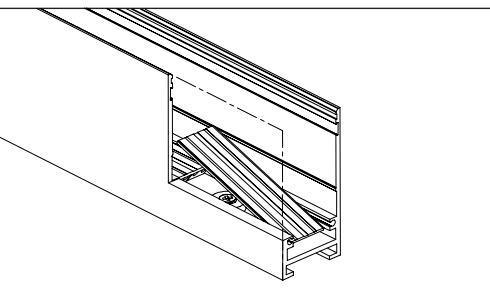
STEP 1 MARK CENTER LINE WHERE TRACK IS TO BE INSTALLED



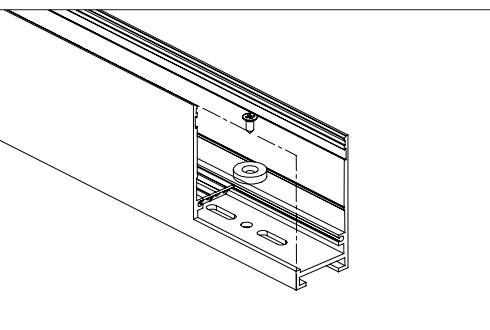
STEP 2 REMOVE END CAPS FROM TRACK



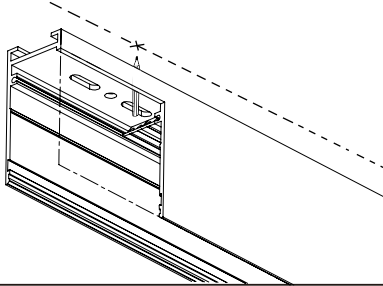
STEP 3 REMOVE DECORATIVE PLATE



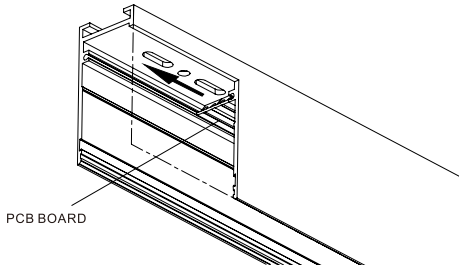
STEP 4 REMOVE MAGNET



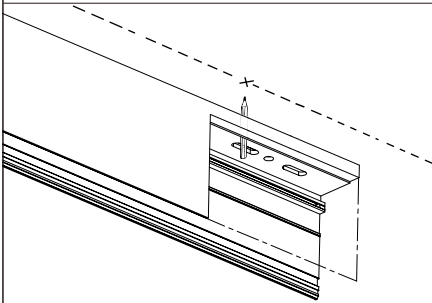
STEP 5 HOLD TRACK UP TO CEILING AND MARK HOLE LOCATION FOR MOUNTING SCREW USING SECOND HOLE IN FROM END OF TRACK



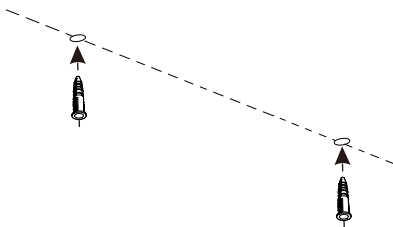
STEP 6 SLIDE PCB BOARDS TO END OF TRACK TO EXPOSE MOUNTING HOLE AT OPPOSITE END OF TRACK



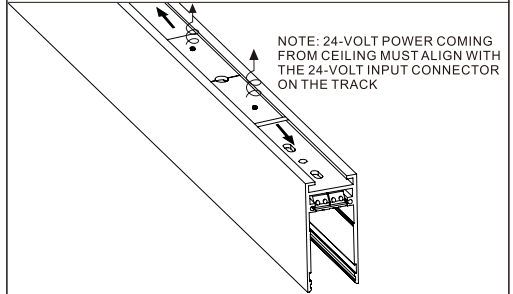
STEP 7 MARK HOLE LOCATION FOR MOUNTING SCREW USING SECOND HOLE FROM END OF TRACK



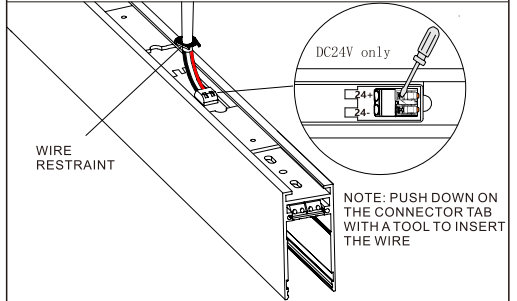
STEP 8 INSTALL DRYWALL ANCHORS



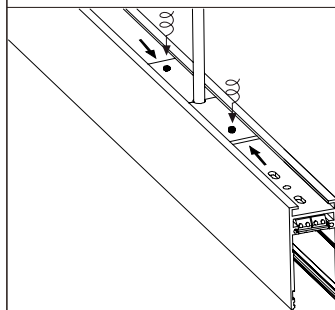
STEP 9 USING PROVIDED ALLEN WRENCH, LOOSEN SET SCREWS ON POWER LOCATION ACCESS COVERS. SLIDE THE COVERS OPEN TO ACCESS THE 24 VOLT POWER CONNECTION.



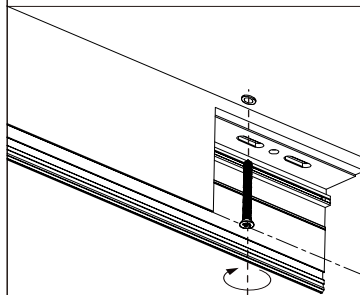
STEP 10 CONNECT 24 VOLT POWER FROM THE DRIVER TO THE TRACK, RED WIRE TO POSITIVE AND BLACK WIRE TO NEGATIVE. ATTACH THE WIRE RESTRAINT TO THE POWER CORD.



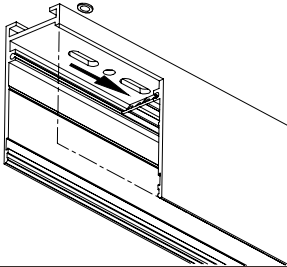
STEP 11 SLIDE COVERS BACK OVER ACCESS HOLE AND TIGHTEN SET SCREWS



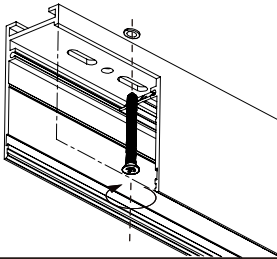
STEP 12 ATTACH ONE END OF TRACK TO CEILING



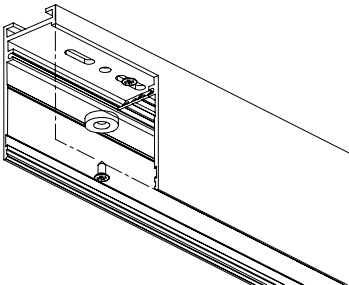
STEP 13 SLIDE PCB BOARDS TO END OF TRACK TO EXPOSE MOUNTING HOLE AT OPPOSITE END OF TRACK



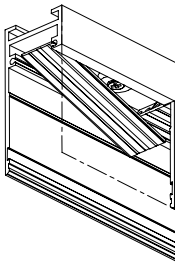
STEP 14 ATTACH OTHER END OF TRACK TO CEILING



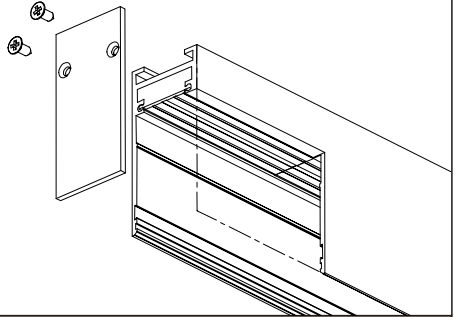
STEP 15 RE-INSTALL THE MAGNET



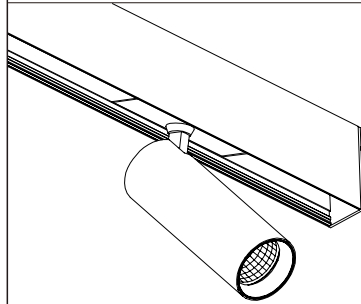
STEP 16 RE-INSTALL THE DECORATIVE PLATE



STEP 17 RE-INSTALL END CAPS



STEP 18 INSTALL THE FIXTURE



SURFACE/PENDANT/RECESSED TRACK INSTALLATION INSTRUCTIONS

—IF USING MORE THAN ONE TRACK
FOR MOUNTING DIRECTLY TO CEILING

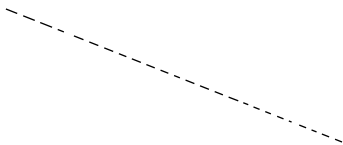
ACCESSORIES REQUIRED:

KENDAL MODEL MSA02 TRACK CONNECTOR 

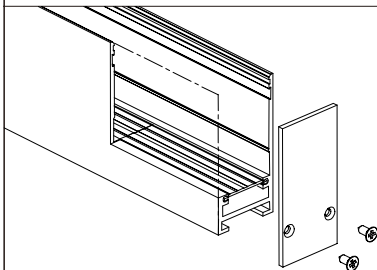
KENDAL MODEL MSA01 POWER PLATE 

INSTALLATION

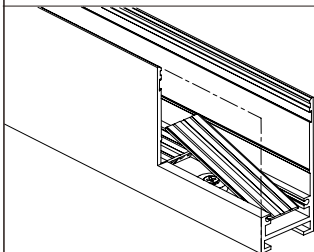
STEP 1 MARK CENTER LINE WHERE TRACK IS TO BE INSTALLED



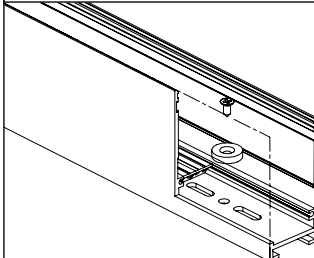
STEP 2 REMOVE END CAPS FROM TRACK



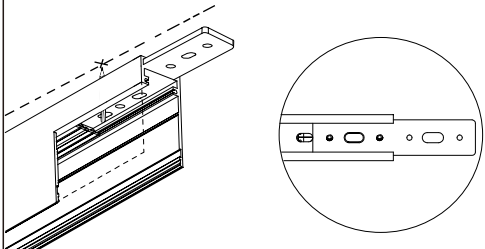
STEP 3 REMOVE DECORATIVE PLATE



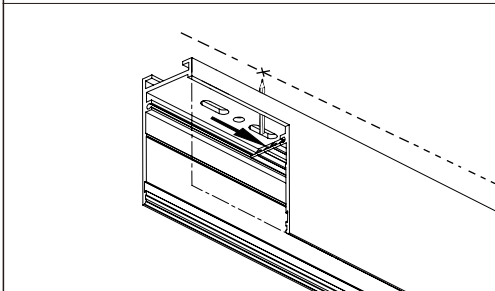
STEP 4 REMOVE MAGNET



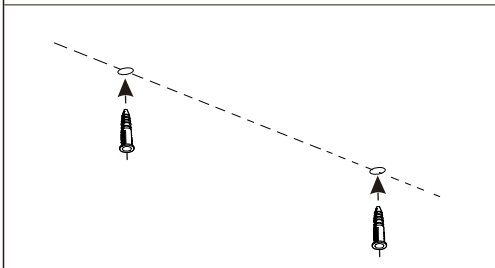
STEP 5 INSTALL TRACK CONNECTOR MSA02 TO THE END OF THE FIRST TRACK BY INSERTING THE TRACK CONNECTOR INTO THE SLOT ON THE BACK OF THE TRACK APPROXIMATELY HALF WAY AND TIGHTEN WITH SET SCREWS (MAKE SURE MOUNTING HOLE IN TRACK LINES UP WITH MOUNTING HOLE IN TRACK CONNECTOR). MARK HOLE LOCATION USING THE SECOND HOLE IN FROM THE END OF THE TRACK.



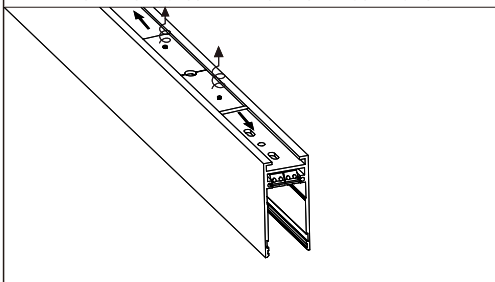
STEP 6 WHILE HOLDING THE TRACK ON CENTER LINE, SLIDE PCB BOARDS TO THE OTHER END OF THE TRACK TO EXPOSE MOUNTING HOLES AND MARK HOLE LOCATION USING SECOND HOLE IN FROM THE END OF THE TRACK.



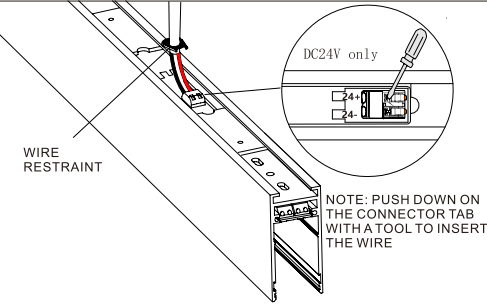
STEP 7 INSTALL DRYWALL ANCHORS



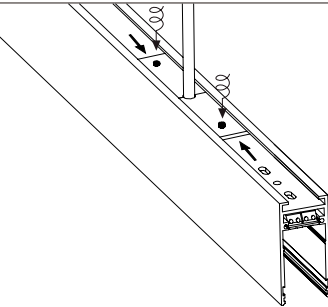
STEP 8 USING PROVIDED ALLEN WRENCH, LOOSEN SET SCREWS ON POWER LOCATION ACCESS COVERS. SLIDE THE COVERS OPEN TO ACCESS THE 24 VOLT POWER CONNECTION.



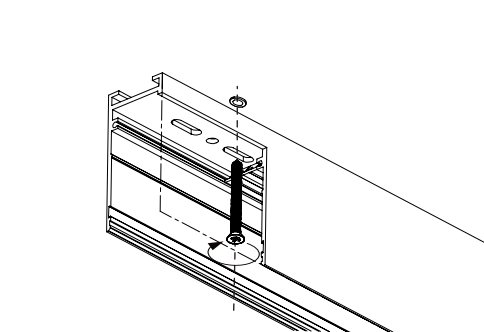
STEP 9 CONNECT 24 VOLT POWER FROM THE DRIVER TO THE TRACK, RED WIRE TO POSITIVE AND BLACK WIRE TO NEGATIVE. ATTACH THE WIRE RESTRAINT TO THE POWER CORD AND SLIDE COVERS OVER ACCESS HOLE.



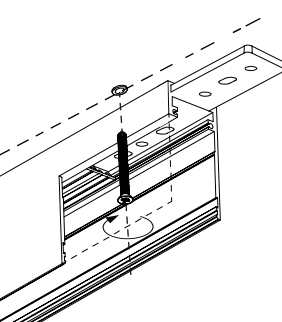
STEP 10 TIGHTEN SET SCREWS



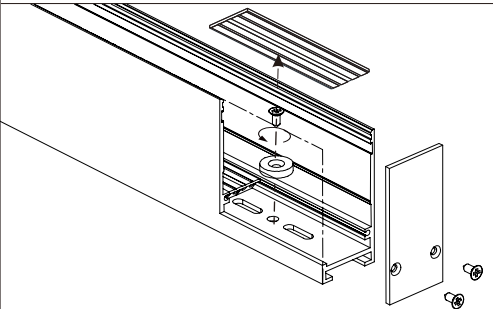
STEP 11 ATTACH ONE END OF THE FIRST TRACK TO CEILING



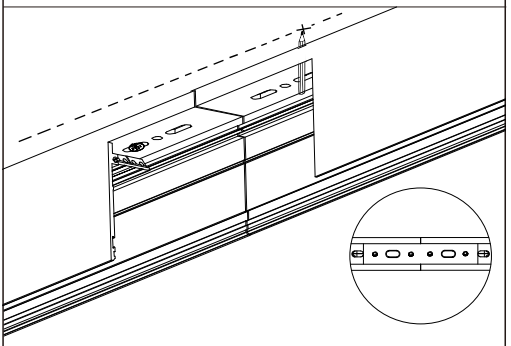
STEP 12 ATTACH OTHER END OF FIRST TRACK TO CEILING USING SECOND HOLE FROM END OF TRACK



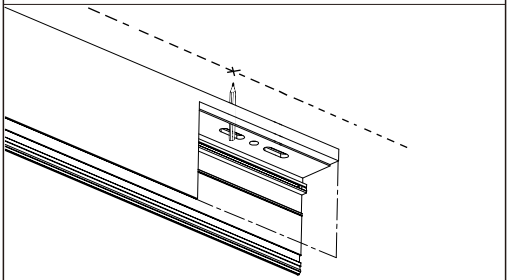
STEP 13 REMOVE END CAP, DECORATIVE PLATE AND MAGNET FROM TRACK BEING ADDED



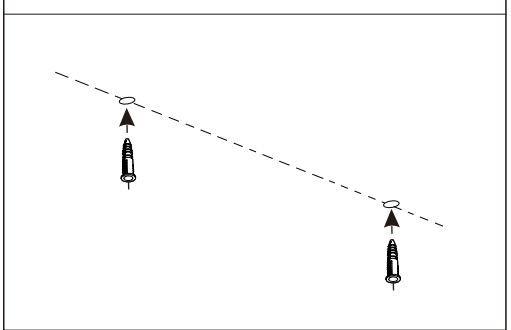
STEP 14 SLIDE NEXT TRACK ONTO THE TRACK CONNECTOR SO ITS TIGHT AGAINST THE FIRST TRACK, MARK HOLE LOCATION

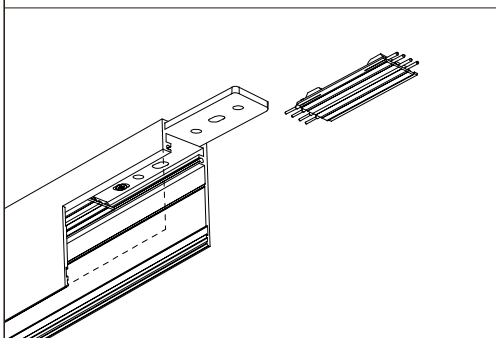
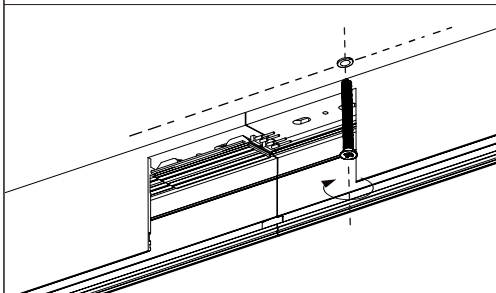
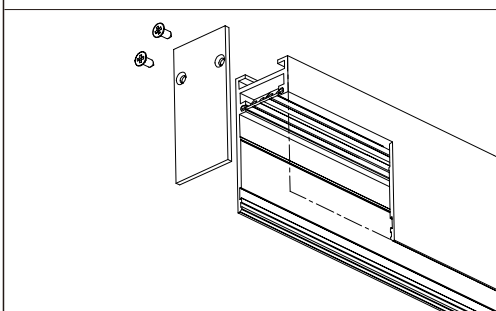
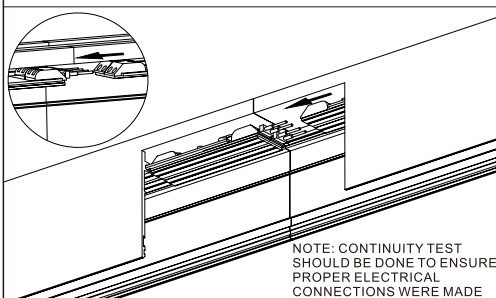


STEP 15 SLIDE PCB BOARD TO EXPOSE MOUNTING HOLE AT OPPOSITE AND MARK HOLE LOCATION USING SECOND HOLE FROM END OF TRACK

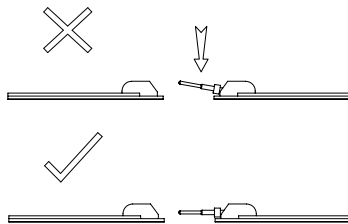
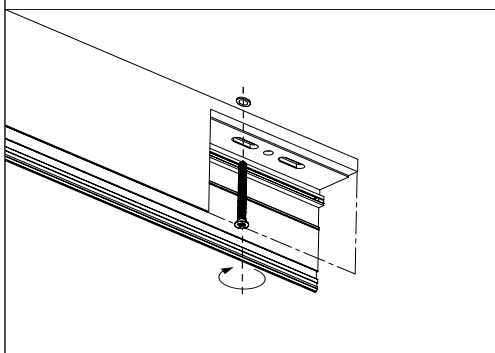
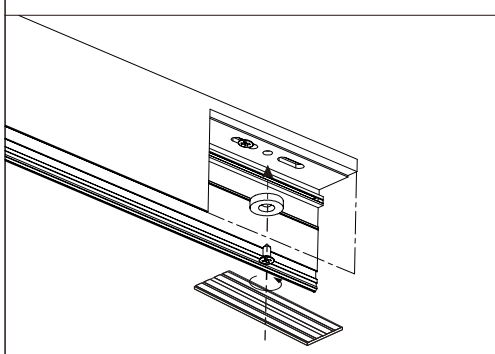


STEP 16 INSTALL DRYWALL ANCHORS



STEP 17 INSTALL A POWER PLATE MSA01 TO THE JOINING END OF THE FIRST TRACK

STEP 18 MOUNT THE JOINING END OF THE SECOND TRACK TO CEILING

STEP 19 REPLACE END CAP AT BEGINNING OF FIRST TRACK

STEP 20 BY PUSHING ON THE PCB BOARDS FROM THE END OF THE SECOND TRACK, CAREFULLY SLIDE THE PCB BOARDS SO THE PINS ON THE MSA01 POWER PLATE LINE UP AND CONNECT WITH THE PIN CONNECTOR HOLES ON THE SECOND TRACK.

ATTENTION:

WHEN JOINING TRACKS OR ACCESSORIES UTILIZING PIN CONNECTORS, MAKE SURE PINS ARE HORIZONTAL AND LINE UP WITH PIN CONNECTOR HOLES. YOU MAY NEED TO GENTLY PUSH UP OR DOWN ON THE PINS SO THEY LINE UP CORRECTLY. FAILING TO DO THIS MAY RESULT IN PINS MISSING THE PIN CONNECTOR HOLES AND LOSS OF THE 24 VOLT CONNECTION.


STEP 21 ATTACH OTHER END OF THE SECOND TRACK TO CEILING

STEP 22 RE-INSTALL THE MAGNET AND DECORATIVE PLATE

STEP 23 INSTALL REMAINING END CAP
