

INSTALLATION INSTRUCTION

485-LED Picture Lighting

PL-48518/PL-48524/PL-48530

MODERN FORMS

CAUTION: To prevent electrical shock, ensure electricity has been turned off at the circuit breaker before beginning.

- Read all instructions before installing.
- System is intended for installation by a licensed electrician in accordance with the National Electrical Code (NEC) and local regulations.
- When handling the fixture, do not apply pressure to the LEDs. Hold the fixture by the base only.
- Retain installation instructions for future maintenance reference.

WARNING: All parts must be used as indicated in these instructions. This product is designed for use only with the supplied parts and/or accessories designated for use by Modern Forms. Substitution of parts or accessories not designated for use with this product by Modern Forms could result in personal injury or property damage, and will void the warranty. Contact an authorized dealer or the manufacturer if any parts are damaged or missing.

MAINTENANCE NOTE: Coastal conditions may cause mineral and residue build-up on the fixture. We recommend that customers in coastal areas clean all external surfaces of the fixture once every two weeks with a wet cloth.

MISE EN GARDE: Pour éviter tout choc électrique, assurez-vous que le disjoncteur soit mis hors tension avant de commencer.

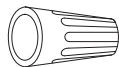
- Lisez toutes les instructions avant l'installation.
- Le système doit être installé par un électricien licencié conformément au code national de l'électricité (NEC), et également aux règlements locaux.
- Lors de la manipulation du luminaire, n'appuyez pas sur les LED. Tenez-le uniquement par la base.

ATTENTION: Toutes les pièces doivent être utilisées comme indiqué dans ces instructions. Ce produit est conçu pour être utilisé seulement avec les pièces et/ou accessoires fournis pour être utilisés avec les produits Modern Forms. Remplacer des pièces ou accessoires non conçus pour ce produit Modern Forms pourrait causer des dommages corporels ou matériels et pourrait également causer l'annulation de la garantie. Veuillez contacter un revendeur autorisé ou le fabricant si des pièces manquent ou sont endommagées.

NOTE D'ENTRETIEN: Les conditions côtières peut causer une accumulation de minéraux et de résidus sur le luminaire. Nous recommandons aux clients qui résident dans les zones côtières de nettoyer toutes les surfaces externes du luminaire une fois toutes les deux semaines avec un chiffon humide.

HARDWARE

A



Wire Connector
Qty: 3Pcs+1 Extra

B



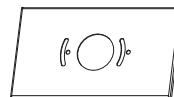
Mounting Screw
Qty: 1 Extra

C



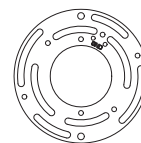
Assembly Screw
Qty: 2Pcs+1 Extra

D



Conversion Plate
Qty: 1 PC

E



Mounting Ring
Qty: 1 PC

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Fig. 1 MOUNT ON SWITCH BOX

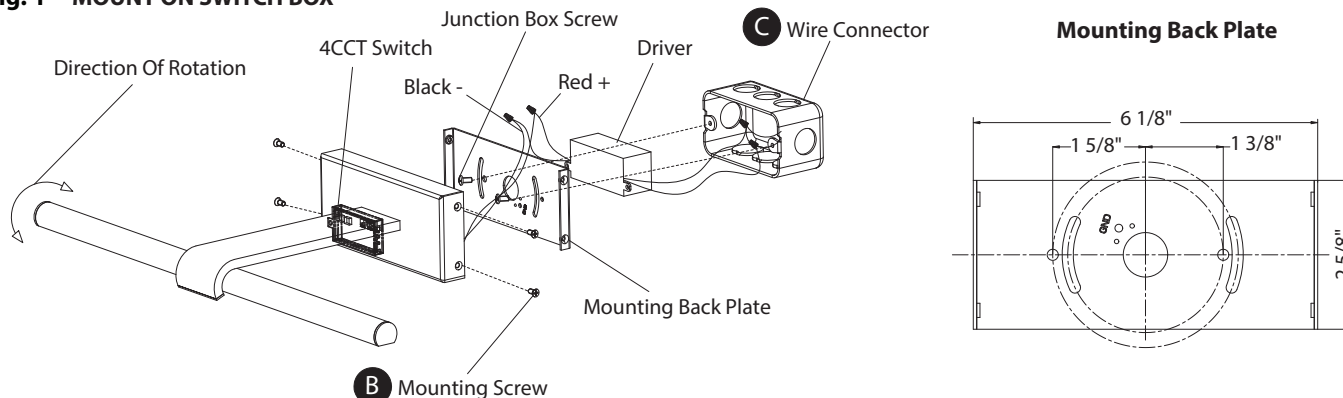


Fig. 2 MOUNT ON JUNCTION BOX

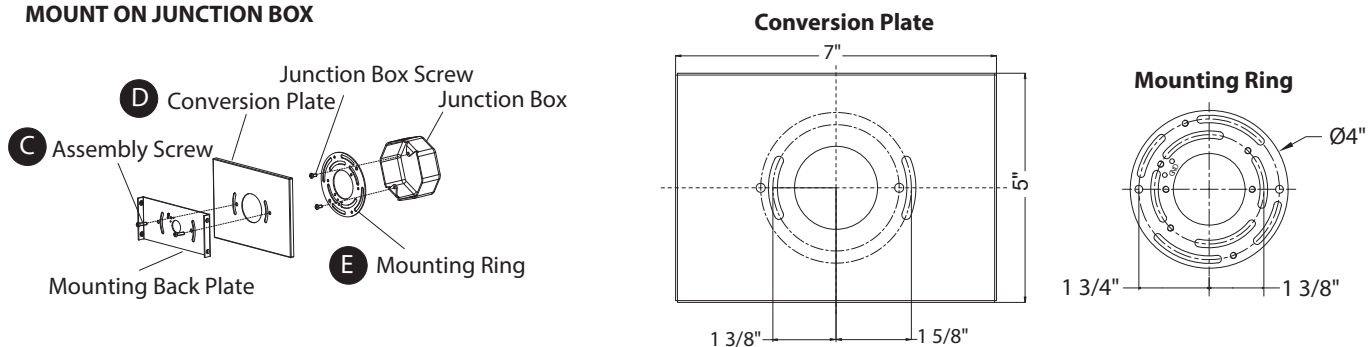


Fig.3 Wiring

	Fixture Wires Black or Smooth	House Wires Black (Hot)
	Fixture Wires White or Ribbed	House Wires White (Neutral)
	Fixture Wires Bare wire (Ground)	House Wires Green or Bare Copper (Ground)

Fig.4 Switch

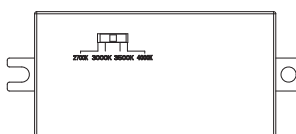
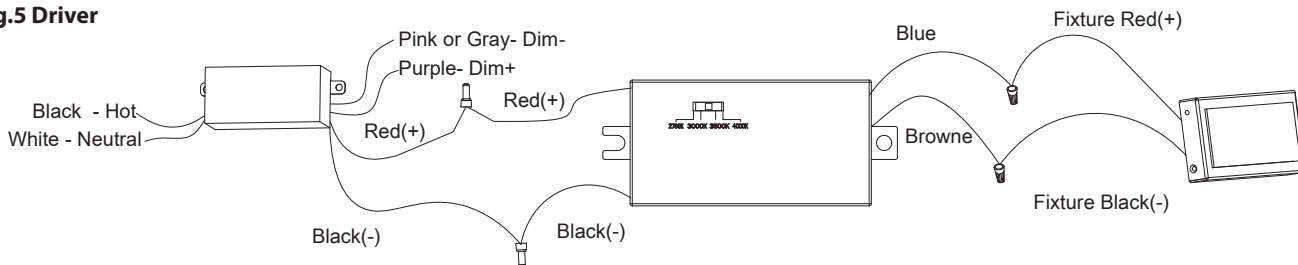


Fig.5 Driver



INSTALLATION INSTRUCTION
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MODERN FORMS

PREPARATION

1. Shut off the power at the circuit breaker and remove existing fixture, including the crossbar.
2. Carefully unpack your new fixture and lay out all the parts on a clear area. Be careful not to lose any small parts necessary for installation.

MOUNT ON SWITCH BOX (Fig. 1)

3. Remove the mounting screw (B) from the mounting back plate.
4. Secure the mounting back plate to the switch box using standard junction box screws provided with the junction box.
Note: (i) It is recommended to use only original junction box screws or replacements provided by junction box manufacturer.
(ii) The side of the mounting back plate marked "GND" must face out towards the installer.
(iii) The lamp can switch between four color temperatures (2700K-3000K-3500K-4000K) Fig.4, which can be adjusted to your preference.
(iv) Fixture must be powered off to adjust the CCT setting, after each CCT adjustment cycle power on, off then on to show new CCT setting.
5. Mount the fixture against the mounting back plate and secure using the mounting screw (B) .
- 6 The lamp body can be rotated back and forth by about 45 degrees for adjustment .

OR

MOUNT ON JUNCTION BOX (Fig. 2)

3. Remove the mounting screw (B) from the fixture, and then remove the mounting back plate.
4. Secure the mounting ring (E) to the junction box using the screws provided with the junction box.
Note: (i) It is recommended to use only original junction box screws or replacements provided by junction box manufacturer.
(ii) The side of the mounting back plate marked "GND" must face out towards the installer.
5. Secure the mounting back plate and conversion plate (D) to the mounting ring (E) with assembly screw (C).

CONNECTING THE WIRES (Fig.3)

6. Connect the driver wire to junction box wires as shown in Fig.3, making sure that all wire connectors (A) are secured. If your outlet box has a green or bare cooper ground wire, connect the fixture's ground wire to it. Otherwise, connect the fixture's ground wire directly to the mounting back plate using the green screw provided. After wires are connected, tuck them carefully inside the switch box.
7. Secure the fixture onto mounting place with mounting screws (B).

(OPTIONAL) DIMMER WIRING (Fig. 5)

- This fixture features electronic low voltage (ELV or TRIAC) or 0-10V dimming capabilities. See notes below for specific dimming wires information.
- To utilize ELV or TRIAC dimming: use wires black (live), white (neutral) and house green wire or bare copper wire (ground). Do not use dimmer wires on driver for ELV or TRIAC dimming.
- To utilize 0-10V dimming: use wires purple (dim+), pink or gray (dim-) from driver and connect to corresponding wires in junction box.
- NOTE: Make sure to connect 0-10V prior to powering up the fixture in order to allow the 0-10V dimming to function properly.

INSTALLATION INSTRUCTION

Trimless Junction Box Cover

MKCP-3040-WT

MODERN FORMS

CAUTION: TO PREVENT ELECTRICAL SHOCK, ENSURE ELECTRICITY HAS BEEN TURNED OFF AT THE CIRCUIT BREAKER BEFORE BEGINNING.

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MISE EN GARDE: POUR ÉVITER TOUT CHOC ÉLECTRIQUE, ASSUREZ-VOUS QUE LE DISJONCTEUR SOIT MIS HORS TENSION AVANT DE COMMENCER.

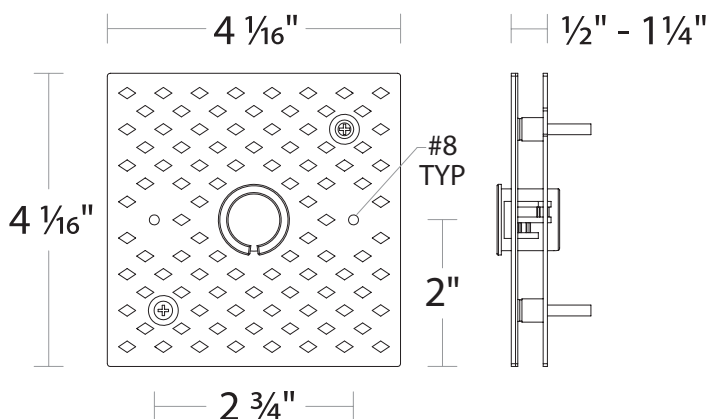
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COMPONENT OVERVIEW

The trimless junction box cover is intended for installation to NEC approved 4" square junction boxes recessed in drywall and flush with the support structure. It may be covered with spackle and/or plaster to conceal junction box visibility. It is to be connected to compatible Modern Forms fixtures. Refer to specifications sheets for more information.

OVERALL COMPONENT DIMENSIONS



HARDWARE



Wire Connector
Qty: 3 (+1 Extra)



1/8"-40 x 1 1/16" Long
Mounting Screw
Qty: 2 (+1 Extra)



#8-32 x 3/4" Long
Junction Box Screw
Qty: 2 (+1 Extra)



1/2" Plastic Spacer
Qty: 2



3/4" Plastic Spacer
Qty: 2



1" Plastic Spacer
Qty: 2

NOTE: This accessory is supplied with an optional mounting C-ring for fixture connection via 7/8" K.O. hole. This component may be omitted from the installation if mounting fixtures using #8 screw holes.

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INSTALLATION INSTRUCTION

Trimless Junction Box Cover

MKCP-3040-WT

MODERN FORMS

TRIMLESS JUNCTION BOX COVER INSTALLATION:

The trimless junction box cover is compatible with NEC approved 4" square junction boxes recessed in drywall and flush with the support structure.

1. Install compatible junction box (by others) to the framing structure. Ensure the junction box is flush with the base or front of framing structure (See **FIG. 1**).
2. Install the mounting plate to the junction box (See **FIG. 2**). Ensure the spacer alignment base is facing outward.

FIG. 1

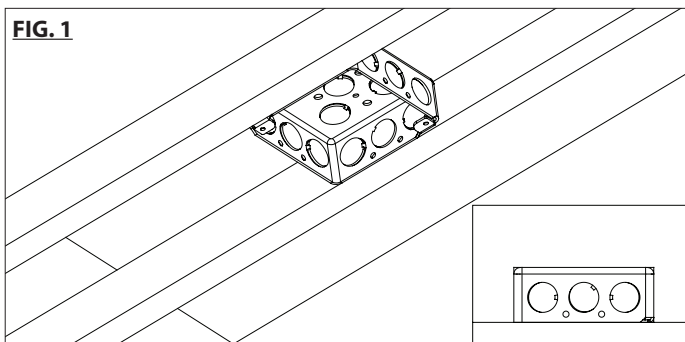


FIG. 2

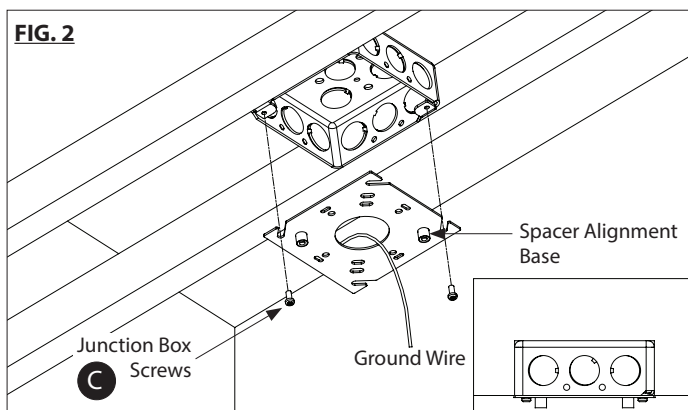
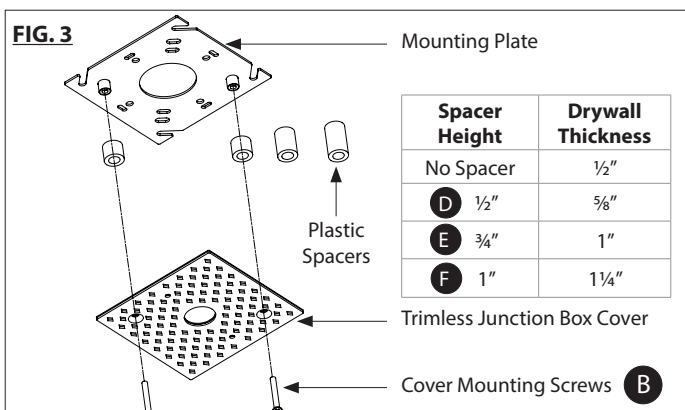


FIG. 3



3. Determine the drywall thickness and select the appropriate spacer to install between the mounting plate and the trimless junction box cover (See **FIG. 3**).
NOTE: Only 1 matching pair of spacers are to be used per installation.
4. Using the mounting screws provided, attach the trimless junction box cover to the mounting plate (See **FIG. 4**).
5. Make a 4 1/8" square cutout in drywall at the intended trimless junction box cover location and proceed to install to framing structure (See **FIG. 5**). Apply and finish spackle up to the center hole of trimless junction box cover. Ensure #8 holes on the cover are free of spackle. (See **FIG. 6**).

FIG. 4

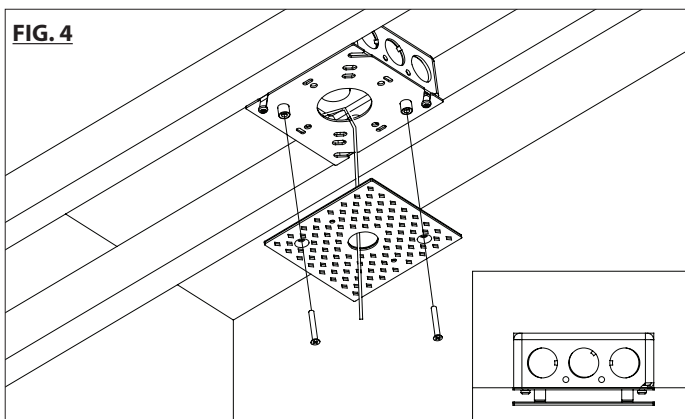


FIG. 5

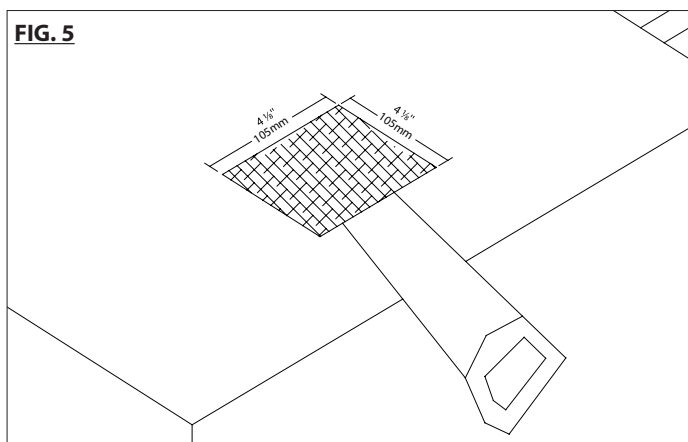
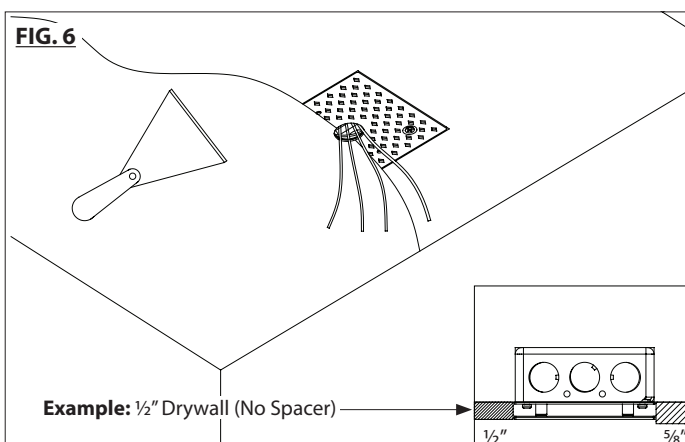


FIG. 6



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FIXTURE INSTALLATION TO JUNCTION BOX COVER:

The trimless junction box cover features two #8 holes which may be used to mount fixtures:

1. Make appropriate splice connections. Wiring may be placed inside the fixture or pushed into the junction box.
2. Using #8 mounting screws supplied with the lighting fixture, attach the fixtures to the #8 holes on the trimless junction box cover. Apply fixture cover or lensing (where applicable) to complete the installation. (See **FIG. 7**).

FIG. 7

