

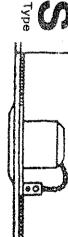
IMPORTANT SAFETY INFORMATION. READ AND FOLLOW ALL SAFETY INSTRUCTIONS. Follow label information and instructions concerning Wet or Damp Locations, installation near combustible materials, insulation, building materials, and proper lamping. Do not install in areas subject to combustible vapors or gases. Before wiring to power supply and during servicing or relamping, turn off power at fuse or circuit breaker. All servicing or relamping must be performed by Product must be grounded to avoid potential electric shock or other potential hazard. Product must be mounted in locations and at heights and in a manner consistent with its intended use, and in the manufacturer or installed contrary to instructions may cause an unsate condition. Do not block light emanating from the like to come into contact with the product or to block light from the product, as this may cause an unsate condition.

INSULATED CEILINGS



Inaulated Ceiling
The insulated ceiling or I.C. Approved recessed fixture is one that can be installed in direct contact with insulation.

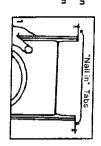
SUSPENDED CEILINGS



are not permanent or insulated Suspended Ceiling
Fixture can be installed in suspended cerings that

NEW CONSTRUCTION INSTALLATION MARNING: HS S U ≦ B B 罰 BEFORE නු LING. THREE IN NCHES OF BEFORE

1. BAR HANGERS
Insert bar hangers into the slots on
the plaster frame (drawing 1),
position bar hangers so that nail in
tabs point away from housing or
point down to ceiling.



3. ELECTRICAL CONNECTION

black (hot +) and a white (neutral -), which must be spliced to the house current feed wires. Make sure to splice white to white and colored or black to black. After splicing has been completed, tuck splices carefully into junction box and re box contains two wires, t+) and a white (neutral



Wing 4)

Grounding

For Romex or 3 wire BX, flexible Armour cable installations attach supply ground lead(green) to bare copper ground lead or ground screw in wiring box mounted on plasterframe.

Local electrical codes should be consulted to determine acceptable installation-conduit Romex, or flexible Armour cable.

4. CUTTING A HOLE

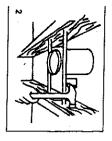
FASTENING FIXTURE TO CEILING ist-type ceilings --Extend bar hangers to fit between joists. Sitton fixture temporarily by hammering "nall-in" tabs into joists awing 2), then secure permanently with nalls. Hangers should level with bottom of joists.

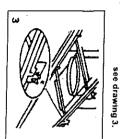
spended (T-bar) Ceilings--extend bar hangers 1" past T-bars,

Ceilings-extend bar hangers 1" past T-bars, T-bars. Secure fixture to T-bars with wire

ocate the center of proposed opening on your tile or ceiling interial and mark it.
interial and interia

the center point. Cut along this circular line (drawing 5). Squares: Cut an 81/4" square hole for or a 101/4" square hole depending on model. After cutting openings, attach ceiling material to joists or place on T-bars. (Housings may be adjusted "up" or "down" as desired, to bring bottom edge of housing level with bottom surface of ceiling material. To complete the installation, screw in recommended light bulb and attach trim (see step 4, below).







WARNING: Use only those trims, lamps and maximum wattages proper for this fixture, as indicated on the label within the housing

WARNING: The National Electrical Code, Article 110-3 (B), states that "Listed or labeled equipment shall be used or installed in accordance with any instructions included in the listing or labeling". Use only with Hubbell UL listed trims. Use of other trims not in this fixture, including those that are UL classified, is a violation of N.E.C. 110-3(B) and voids all warranties.

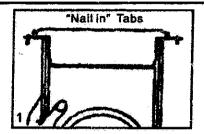
CURAT

INSTALLATION INSTRUCTIONS 4"IC LINE VOLTAGE HOUSING

IMPORTANT SAFETY INFORMATION. READ AND FOLLOW ALL SAFETY INSTRUCTIONS. Follow label information and instructions concerning Wet or Damp Locations, installation near combustible materials, insulation, building materials, and proper lamping. Do not install in areas subject to combustible vapors or gases. Before wiring to power supply and during servicing or relamping, turn off power at fuse or circuit breaker. All servicing or relamping must be performed by qualified service personnel. Product must be grounded to avoid potential electric shock or other potential hazard. Product must be mounted in locations and at heights and in a manner consistent with its intended use, and in compilance with the National Electrical Code and local codes. The use of accessory equipment not recommended by the manufacturer or installed contrary to instructions may cause an unsafe condition. Do not block light emanating from product in whole or part, as this may cause an unsafe condition. Do not allow items such as drapes, curtains, screens or the like to come into contact with the product or to block light from the product, as this may cause an unsafe condition.

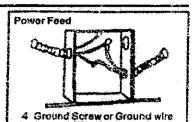
1. BAR HANGERS

Insert bar hangers into the slots on the plaster frame (drawing 1). Position bar hangers so that nail in tabs point away from housing or point down to ceiling.



3. ELECTRICAL CONNECTION

Junction box contains two wires, a black (hot +) and a white (neutral -), which must be spliced to the house current feed wires. Make sure to splice white to white and colored or black to black. After splicing has been completed, tuck



splices carefully into junction box and replace cover (drawing 4).

For Romex or 3 wire BX, flexible Armour cable installations attach

Local electrical codes should be consulted to determine acceptable

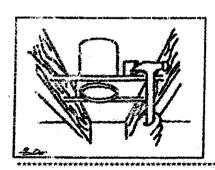
supply ground lead (green) to bare copper ground lead or ground

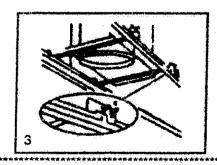
2. FASTENING FIXTURE TO CEILING

Joist-type ceilings—Extend bar hangers to fit between joists. Position fixture temporarily by hammering "nail-in" tabs into joists (drawing 2), then secure permanently with nails. Hangers should be level with bottom of joists.

Suspended (T-bar) Ceilings—extend bar hangers 1" past T-bars, then rest fixture on T-bars. Secure fixture to T-bars with wire

see drawing 3.





Installation-conduit romex, or flexible Armour cable. 4. CUTTING A HOLE

Locate the center of proposed opening on your tile or ceiling material and mark it.

screw in wiring box mounted on plaster frame.

Rounds: Use a compass to draw a circle 4% in diameter around the center point. Cut along this circular ling (drawing 5).



Grounding

WARNING: Thermal insulation may be installed in direct contact with fixture, but DO NOT install insulation in excess of eight (8) inches deep above fixture. Greater depth may cause the thermal protector to cycle the fixture on or off.

WARNING: Use only those trims, lamps and maximum wattages proper for this fixture, as indicated on the label within the housing

WARNING: The National Electrical Code, Article 110-3 (B), states that "Listed or labeled equipment shall be used or installed in accordance with any instructions included in the listing or labeling". Use only with Hubbell UL listed trims. Use of other trims not listed in this fixture, including those that are UL classified, is a violation of N.E.C. 110-3(B) and voids all warranties.

INSTALLATION INSTRUCTIONS 4" Non-IC LINE VOLTAGE HOUSING

IMPORTANT SAFETY INFORMATION. READ AND FOLLOW ALL SAFETY INSTRUCTIONS. Follow label information and instructions concerning Wet or Damp Locations, installation near combustible materials, insulation, building materials, and proper lamping. Do not install in areas subject to combustible vapors or gases. Before wiring to power supply and during servicing or relamping, turn off power at fuse or circuit breaker. All servicing or relamping must be performed by qualified service personnel. Product must be grounded to avoid potential electric shock or other potential hazard. Product must be mounted in locations and at heights and in a manner consistent with its intended use, and in compliance with the National Electrical Code and local codes. The use of accessory equipment not recommended by the manufacturer or installed contrary to instructions may cause an unsafe condition. Do not block light emanating from product in whole or part, as this may cause an unsafe condition. Do not allow items such as drapes, curtains, screens or the like to come into contact with the product or to block light from the product, as this may cause an unsafe condition.

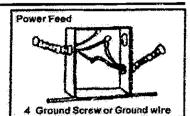
1 BAR HANGERS

Insert bar hangers into the slots on the planter frame (drawing 1). Position bar hangers so that nail in tabs point away from housing or point down to calling.



3. ELECTRICAL CONNECTION

Junction box contains two wires, a black (hot +) and a white (neutral -), which must be spliced to the house current feed wires. Make sure to splice white to white and colored or black to black. After splicing has been completed, tuck



splices carefully into junction box and replace cover (drawing 4).

For Romex or 3 wire BX, flexible Armour cable installations attach supply ground lead (green) to bare copper ground lead or ground

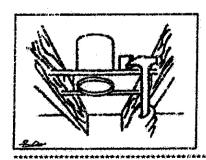
2. FASTENING FIXTURE TO CEILING

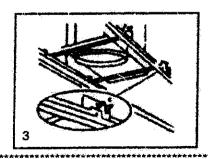
Joist-type ceilings—Extend bar hangers to fit between joists.

Position fixture temporarily by hammering "nail-in" tebs into joists (drawing 2), then secure permanently with nails. Hangers should be level with bottom of joists.

Suspended (T-bar) Cellings—extend bar hangers 1* past T-bars, then rest fixture on T-bars. Secure fixture to T-bars with wire

see drawing 3.





Local electrical codes should be consulted to determine acceptable installation-conduit romex, or flexible Armour cable.

4. CUTTING A HOLE

Locate the center of proposed opening on your tile or ceiling material and mark it.

screw in wiring box mounted on plaster frame.

Rounds: Use a compass to draw a circle 4½ in diameter around the center point. Cut along this circular ling (drawing 5).



Groundina

WARNING: Do not install insulation within 3 inches of any part of the luminaire.

WARNING: Use only those trims, lamps and maximum wattages proper for this fixture, as indicated on the label within the housing.

WARNING: The National Electrical Code, Article 110-3 (B), states that "Listed or labeled equipment shall be used or installed in accordance with any instructions included in the listing or labeling". Use only with Hubbell UL listed trims. Use of other trims not listed in this fixture, including those that are UL classified is a violation of N.E.C. 110-3(B) and voids all warranties.

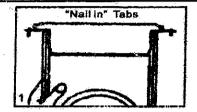
IMPORTANT SAFETY INFORMATION. READ AND FOLLOW ALL SAFETY INSTRUCTIONS. Follow label information and instructions concerning Wet or Damp Locations, installation near combustible materials, insulation, building materials, and proper lamping. Do not install in areas subject to combustible vapors or gases. Before wiring to power supply and during servicing or relamping, turn off power at fuse or circuit breaker. All servicing or relamping must be performed by qualified service personnel. Product must be grounded to avoid potential electric shock or other potential hazard. Product must be mounted in locations and at heights and in a manner consistent with its Intended use, and in compliance with the National Electrical Code and local codes. The use of accessory equipment not recommended by the manufacturer or installed contrary to instructions may cause an unsafe condition. Do not block light emanating from product in whole or part, as this may cause an unsafe condition. Do not allow items such as drapes, curtains, screens or the like to come into contact with the product or to block light from the product, as this may cause an unsafe condition.

IC LOW VOLTAGE HOUSING(FOR NEW CONSTRUCTIONS)

INSTALLATION INSTRUCTIONS

1. BAR HANGERS

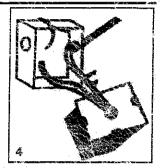
Insert bar hangers into the slots on the plaster frame (drawing 1). Position bar hangers so that nall in tabs point away from housing or point down to ceiling.



3. ELECTRICAL CONNECTION

Junction box contains two black wires, which come out of transformer.

Make sure to splice the two black wires to the house current feed wires. regarbless of wire's color.(Drawing 4)

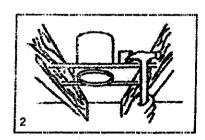


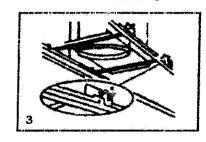
2. FASTENING FIXTURE TO CEILING

Joist-type ceilings—Extend bar hangers to fit between joists.
Position fixture temporarily by hammering "nail-in" tabs into joists (drawing 2), then secure permanently with nails. Hangers should be level with bottom of joists.

Suspended (T-bar) Ceilings—extend bar hangers 1" past T-bars, then rest fixture on T-bars. Secure fixture to T-bars with wire

see drawing 3.





Grounding

For Romex or 3 wire BX, flexible Armour cable installations attach supply ground lead(green) to bare copper ground lead or ground screw in wiring box mounted on plaster frame.

Local electrical codes should be consulted to determine acceptable installation-conduit romex, or flexible Armour cable.

4. CUTTING A HOLE

Locate the center of proposed opening on your tile or ceiling material and mark it.

Rounds: Use a compass to draw a circle 4% in diameter around the center point. Cut along this circular ling (drawing 5).



WARNING: Thermal insulation may be installed in direct contact with fixture, but DO NOT install insulation in excess of eight (8) Inches deep above fixture. Greater depth may cause the thermal protector to cycle the fixture on or off.

WARNING: Use only those trims, tamps and maximum wattages proper for this fixture, as indicated on the label within the housing.

WARNING: The National Electrical Code, Article 110-3 (B), states that "Listed or labeled equipment shall be used or installed in accordance with any instructions included in the listing or labeling". Use only with Hubbell UL listed trims. Use of other trims not listed in this fixture, including those that are UL classified, is a violation of N.E.C. 110-3(B) and voids all warranties.

IMPORTANT SAFETY INFORMATION. READ AND FOLLOW ALL SAFETY INSTRUCTIONS. Follow label information IMPORTANT SAFETY INFORMATION. READ AND FOLLOW ALL SAFETY INSTRUCTIONS. Follow label information and instructions concerning Wet or Damp Locations, installation near combustible materials, insulation, building materials, and proper lamping. Do not install in areas subject to combustible vapors or gases. Before wiring to power supply and during servicing or relamping, turn off power at fuse or circuit breaker. All servicing or relamping must be performed by qualified service personnel. Product must be grounded to avoid potential electric shock or other potential hazard. Product must be mounted in locations and at heights and in a manner consistent with its intended use, and in compliance with the National Electrical Code and local codes. The use of accessory equipment not recommended by the manufacturer or installed contrary to instructions may cause an unsafe condition. Do not block light emanating from product in whole or part, as this may cause an unsafe condition. Do not allow items such as drapes, curtains, screens or the like to come into contact with the product or to block light from the product, as this may cause an unsafe condition.

CHIN

Non-IC LOW VOLTAGE HOUSING(FOR NEW CONSTRUCTIONS) INSTALLATION INSTRUCTIONS

1. BAR HANGERS

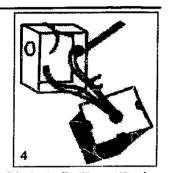
Insert bar hangers into the slots on the plaster frame (drawing 1). Position bar hangers so that nail in tabs point away from housing or point down to ceiling



3. ELECTRICAL CONNECTION

Junction box contains two

black wires, which come out of transformer. Make sure to splice the two black wires to the house current feed wires. regarbless of wire's color. (Drawing 4)

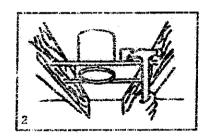


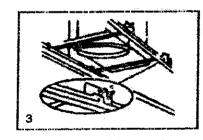
2. FASTENING FIXTURE TO CEILING

Joist-type ceilings-Extend bar hangers to fit between loists. Position fixture temporarily by hammering "nail-in" tabs into joists (drawing 2), then secure permanently with nails. Hangers should be level with bottom of joists.

Suspended (1-bar) Cellings-extend bar hangers 1" past T-bars, then rest fixture on T-bars. Secure fixture to T-bars with wire

see drawing 3.





Grounding

For Romex or 3 wire BX, flexible Armour cable installations attach supply ground lead (green) to bare copper ground lead or ground screw in wiring box mounted on plaster frame. Local electrical codes should be consulted to determine acceptable Installation-conduit romex, or flexible Armour cable.

4 CUTTING A HOLE

Locate the center of proposed opening on your tile or ceiling material and mark it.

Rounds: Use a compass to draw a circle 4% in diameter around the center point. Cut along this circular ling (drawing 5).



WARNING: Do not Install insulation within 3 inches of any part of the luminaire.

WARNING: Use only those trims, lamps and maximum wattages proper for this fixture, as indicated on the label within the housing

WARNING: The National Electrical Code, Article 110-3 (B), states that "Listed or labeled equipment shall be used or installed in accordance with any instructions included in the listing or labeling". Use only with Hubbell UL listed trims. Use of other trims not listed in this fixture, including those that are UL classified, is a violation of N.E.C. 110-3(B) and voids all warranties.

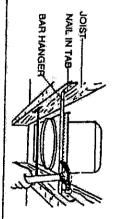
WARNING-RISK OF FIRE, MOST 60°C. CONSULT **ELECTRICIAN BEFORE INSTALLING** DWELLINGS BUILT BEFORE 1985 HAVE SUPPLY WIRE BATED

INSTALLATION INSTRUCTIONS For Hubbell 6" IC Housing

and instructions concerning Wet or Damp Locations, installation near combustible materials, insulation, building materials, and proper lamping. Do not install in areas subject to combustible vapors or gases. Before wiring to power supply and during servicing or relamping, turn off power at fuse or circuit breaker. All servicing or relamping must be performed by qualified service personnel. Product must be grounded to avoid potential electric shock or other potential hazard. Product must be mounted in locations and at heights and in a manner consistent with its intended use, and in the manufacturer or installed contrary to instructions may cause an unsafe condition. Do not block light emanating from product in whole or part, as this may cause an unsafe condition. Do not allow items such as drapes, curtains, screens or the like to come into contact with the product or to block light from the product, as this may cause an unsafe condition. IMPORTANT SAFETY INFORMATION. READ AND FOLLOW ALL SAFETY INSTRUCTIONS. Follow label information

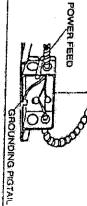
INSTALLING RECESSED LIGHTING HOUSINGS

fit between joists. Position fixture temporarjoists.(see drawing), then secure permanently with nails. Hangers should be level lly by hammering nall-in tabs into Joist type ceilings - extend bar hangers to INSTALLING FIXTURE TO CEILING



ELECTRICAL CONNECTION

junction box (see diagram) Replace cover. Junction box contains two wires, a black (hot+) and a white (neutral-) wire which must be spliced to the current feed wires.MAKE SURE TO SPLICE WHITE TO WHITE AND BLACK TO BLACK.After splicing has been completed,insert wires carefully into junction box.Connect green ground wire to green grounding pigtail in



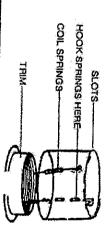
CUTTING A HOLE-63/8" DIAMETER:

Locate the center of proposed opening on your tile or celling material and mark it. Use a compass to draw a circle around this center point. Cut along this circliar line.

INSTALLING TRIM ASSEMBLIES FOR USE WITH RECESSED HOUSINGS Install the trim by one of the three following methods:

TORSION SPRINGS

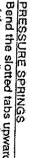
Push upward fully so the springs will hold trim in place. (see diagram below) side of the housing them into the slotted tabs on the in-Squeeze the arms together and insert RECESSED HOUSING



Service A

TORSION SPRING

TRIE



COIL SPRINGS

Bend the slotted tabs upward and out of the way (just push with your finger).

Hook the coil springs into the slots cut into

the side of the housing (see diagram below).

PRESSURE SPRINGS
Bend the slotted tabs upward and out of the way (just push with your finger). springs will hold trim in place Push upward fully and pressure (see diagram below), Insert trim into the housing.



Select proper lamp (see lamp maximum wattage label in housing). Do not exceed maximum wattage lamp shown for each trim,

es deep above fixture. Greater depth may cause the thermal protector to cycle the fixture on or off. WARNING: Thermal insulation may be installed in direct contact with fixture, but DO NOT install insulation in excess of eight (8) inch-

WARNING: Use only those trims, lamps and maximum wattages proper for this fixture, as indicated on the label within the housing.

in this fixture, including those that are UL classified, is a violation of N.E.C. 110-3(B) and voids all warranties accordance with any instructions included in the listing or labeling". Use only with Hubbell U. listed trims. Use of other trims not listed WARNING: The National Electrical Code. Article 110-3 (B), states that "Listed or labeled equipment shall be used or installed in

N.E.C. requirements. If there are any questions, contact a qualified electrical contractor. WARNING: If any special control devices are used with this fixture, follow the instructions carefully to assure full compliance with

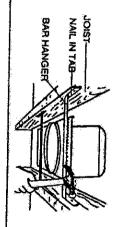
WARNING-RISK 60°C. CONSULT A QUALIFIED I DWELLINGS BUILT BEFORE 1985 HAVE SUPPLY WIRE RATED ELECTRICIAN BEFORE INSTALLING.

INSTALLATION INSTRUCTIONS For Hubbell 6" Non-IC Housing

and instructions concerning Wet or Damp Locations, installation near combustible materials, insulation, building materials, and proper lamping. Do not install in areas subject to combustible vapors or gases. Before wiring to power supply and during servicing or relamping, turn off power at fuse or circuit breaker. All servicing or relamping must be performed by qualified service personnel. Product must be grounded to avoid potential electric shock or other potential hazard. Product must be mounted in locations and at heights and in a manner consistent with its intended use, and in the manufacturer or installed contrary to instructions may cause an unsafe condition. Do not block light emanating from product in whole or part, as this may cause an unsafe condition. Do not allow items such as drapes, curtains, screens or the like to come into contact with the product or to block light from the product, as this may cause an unsafe condition. IMPORTANT SAFETY INFORMATION. READ AND FOLLOW ALL SAFETY INSTRUCTIONS. Follow label information

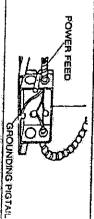
INSTALLING RECESSED LIGHTING HOUSINGS

it between joists. Position fixture temporarwith bottom of joists. joists (see drawing), then secure permanently with nails. Hangers should be level lly by hammering nall-in tabs into Joist type ceilings - extend bar hangers to INSTALLING FIXTURE TO CEILING



ELECTRICAL CONNECTION:

Junction box contains two wires, a black (hot+) and a white (neutral-) wire which must be spliced to the current feed wires.MAKE SURE TO SPLICE WHITE TO WHITE AND BLACK TO BLACK After splicing has been completed insert wires carefully into junction box.Connect green ground wire to green grounding pigtail in junction box.(see diagram) Replace cover.



CUTTING A HOLE-6 3/8" DIAMETER:

Locate the center of proposed opening on your tile or ceiling material and mark it. Use a compass to draw a circle around this center point. Cut along this circliar line.

INSTALLING TRIM ASSEMBLIES FOR USE WITH RECESSED HOUSINGS Install the trim by one of the three following methods:

TORSION SPRINGS

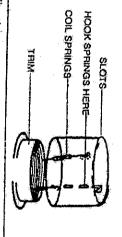
them into the slotted tabs on the in-Squeeze the arms together and insert

SLOTTED TABS TORSION SPRING	Push upward fully so the springs will hold trim in piace. (see diagram below RECESSED HOUSING (TYPICAL)
M	Push upward fully so the springs will hold trim in place. (see diagram below) RECESSED HOUSING (TYPICAL)

COIL SPRINGS

Bend the slotted tabs upward and out of the way (just push with your finger).

Hook the coil springs into the slots cut into the side of the housing (see diagram below).



Push upward fully and pressure springs will hold trim in place. (see diagram below). insert trim into the housing. of the way (just push with your finger) Bend the slotted tabs upward and out PRESSURE SPRINGS

SE VO

FOR TRIMS EYEBALL sbefore installing trim, remove socket plate from housing by loosening wing nut.Unfasten from socket plate and snap into hole provided in top of trim.

Select proper lamp (see lamp maximum wattage labet in housing). Do not exceed maximum wattage lamp shown for each trim.

WARNING: Do not install insulation within 3 inches of any part of the luminaire

WARNING: Use only those trims, lamps and maximum wattages proper for this fixture, as indicated on the label within the housing.

in this fixture, including those that are UL classified, is a violation of N.E.C. 110-3(B) and voids all warranties accordance with any instructions included in the listing or labeling". Use only with Hubbell Ut. listed trims. Use of other trims not listed WARNING: The National Electrical Code, Article 110-3 (B), states that "Listed or labeled equipment shall be used or installed in

N.E.C. requirements. If there are any questions, contact a qualified electrical contractor. WARNING: If any special control devices are used with this fixture, follow the instructions carefully to assure full compliance with