

General Installation Instructions

**READ AND FOLLOW ALL SAFETY INSTRUCTIONS!
SAVE THESE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION**

⚠ WARNING

To reduce the risk of death, injury or property damage from fire, electric shock, cuts, abrasions, falling parts, and other hazards:

- Service of the equipment must be performed by qualified service personnel.
- Installation and maintenance must be performed by a person familiar with the construction and operation of this product and any hazards involved. All applicable codes and ordinances must be followed.
- Read this document before installing, servicing, or maintaining this equipment or installing a lamp. These instructions do not cover all installation, service, and maintenance situations. If your situation is not covered, or if you do not understand these instructions or additional information is required, contact Peerless Lighting or your local Peerless Lighting Distributor.
- Read and follow all warnings and instructions provided by the lamp manufacturer.

⚠ WARNING

Before installing, servicing, or maintaining this equipment, follow these general precautions. To reduce the risk of electrocution:

- Make sure the equipment is properly grounded.
- Always de-energize the circuit and/or equipment before connecting to, disconnecting from, or servicing the equipment.

To prevent fixture row from over-current:

- By adding the input current of each fixture section marked on the fixture, the total current per power feed must not exceed the maximum line wire amperage marked on the fixture and the power feed cord/wire amperage rating whichever the least.

To reduce the risk of fire:

- Keep material away that can burn from hot lamp.
- Make sure lamps are correctly installed.
- Use supply conductors with a minimum installation temperature rating as specified on equipment.

To reduce the risk of personal injury from cuts, abrasions, or falling parts:

- Wear gloves to prevent cuts or abrasions from sharp edges when removing from carton, handling and maintaining this equipment.
- Do not use abrasive materials, glass cleaners or other solvents on reflector or lens. These substances may damage equipment and cause parts to eventually break and fall.
- Do not install a damaged fixture.

⚠ CAUTION

Observe lamp manufacturer's recommendations and restrictions on lamp operation, including but not limited to ballast type, burning position, replacement and cycling. Use only lamps that comply with applicable ANSI standards.

NOTICE: If lamp is marked (Hg) it contains mercury. Follow disposal laws. See www.lamprecycle.org

Peerless Lighting, a division of Acuity Brands Lighting, Inc., assumes no responsibility for claims arising out of improper or careless installation or handling of this product.

SAVE THESE INSTALLATION INSTRUCTIONS

Part Number: PIN004100 Revision: C Effective Date: 12/20/2010 ECO3618

PIN003700

BRUNO™ Pendant

BRM1/2/3/4/7/9

INSTALLATION INSTRUCTION

Rev. A 11/07 ECO 3503

PEERLESS

PEERLESS LIGHTING

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These installation instructions are used for installing the following fixtures and kits:

Fixture	End-cap Kit	Configuration Kit	VDR Kit
BRM1/2/3/4/7/9	BRMEP	BRM CNR/CNR/CNRX/TNN	BRM4VDR

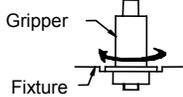
WARNING: PLEASE READ THE "IMPORTANT SAFETY INSTRUCTIONS" PRIOR TO INSTALLATION OF THIS PRODUCT

A) Cable Mounting Fixture Row Installation	page 1-2
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A) Cable Mounting Fixture Row Installation

Adjustable Cable Option

1. Attach adjustable cable gripper (ACG) to fixture and tighten securely.



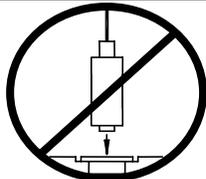
2. Insert cable into ACG while supporting the weight of fixture.

3. Press down here while adjusting the cable length.

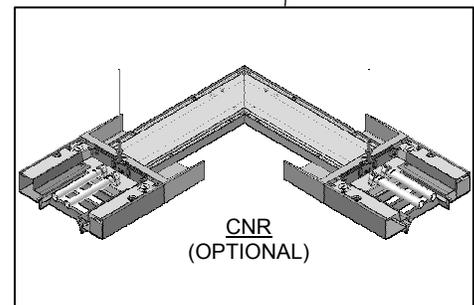
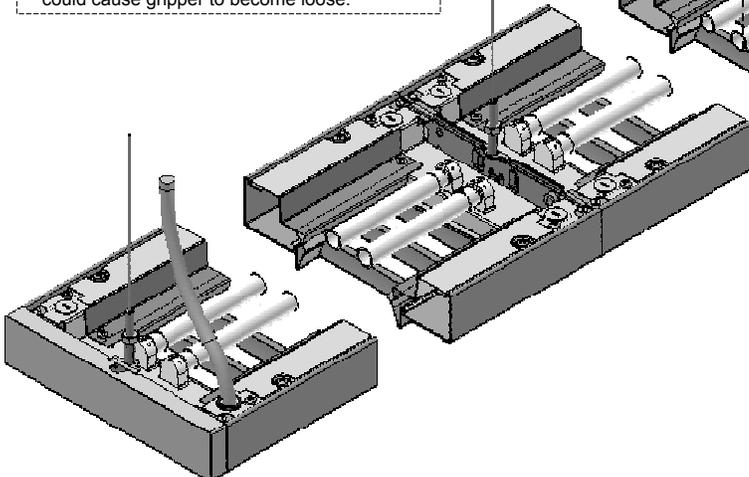
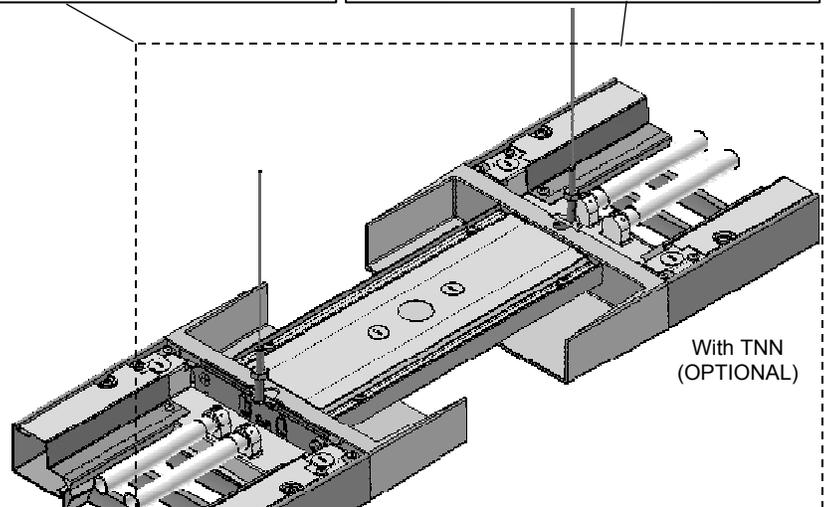
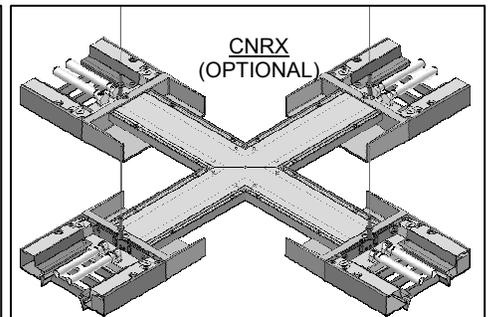
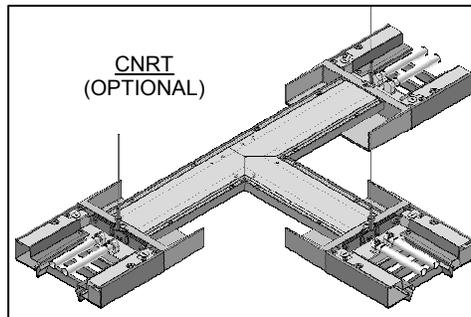
4. Loosen screw, then insert cable ferrule. Tighten screw.

APPROX 1/2"

IMPORTANT



Do NOT insert cable into ACG prior to ACG being attached to fixture. Twisting the cable could cause gripper to become loose.



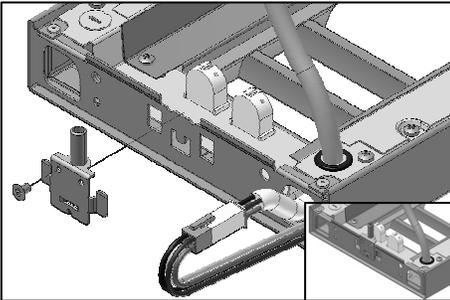
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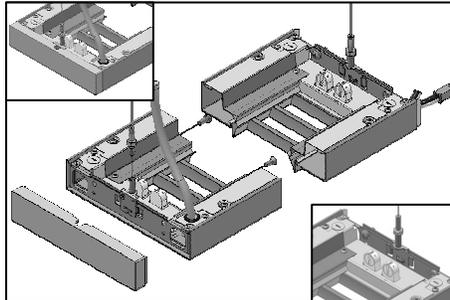
BRM1/2/3/4/7/9

INSTALLATION INSTRUCTION

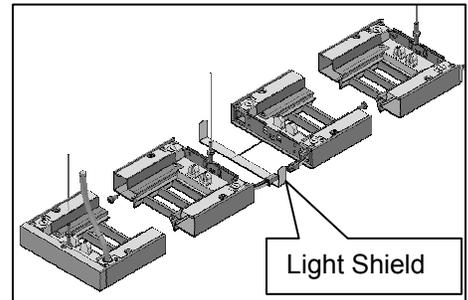
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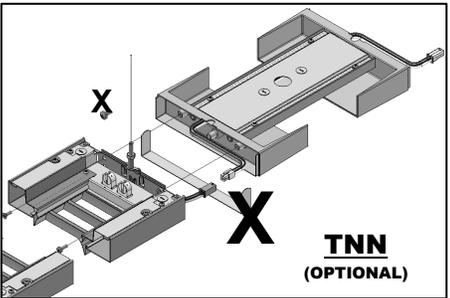
1. Insert power cord & bushing through knockout on the first fixture at the male connector end. Plug in the wire connectors. Hook cable hanger onto fixture joiner and secure with one #8 flat head screw. Discard a 1/4 -20 screw where end-cap will be installed.



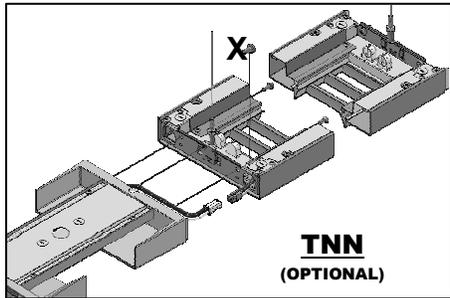
2. Install end-cap with one pan head screw going through the nut and one flat head screw going through the bare hole on the joiner. Hook the hanger on other end of the fixture. Screw cable studs into hangers. Raise fixture into position.



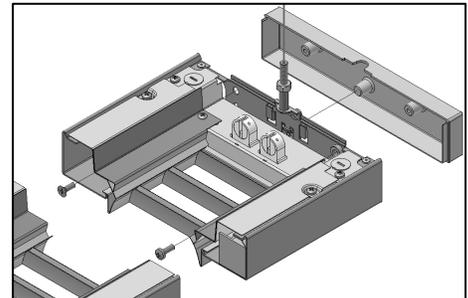
3. Hook hanger and screw cable stud to second fixture at the end with female connector. Raise the fixture into position and connect wire connectors. Bolt fixtures with two 1/4-20 screws and with the light shield in between. Adjust the cable studs to level the fixtures.



6. **OPTIONAL:** Connect fixture and TNN with wire connectors. Discard the light shield and the 1/4-20 screw. Secure the hanger with a #8 flat head screw. Connect TNN with two screws as the installation of the end-cap. Repeat same step for CNR, CNRT, or CNRX.

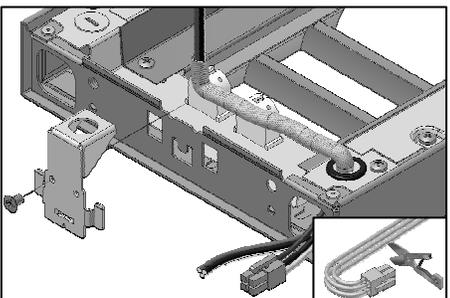


4. **OPTIONAL:** Repeat Step 1 & 3 to install the hangers and cable studs on next fixture. Secure the hanger with a #8 flat head screw at the TNN side. Raise the fixture into position and connect to TNN as Step 4 where applicable. Level the fixtures. Repeat same step for CNR, CNRT, or CNRX.

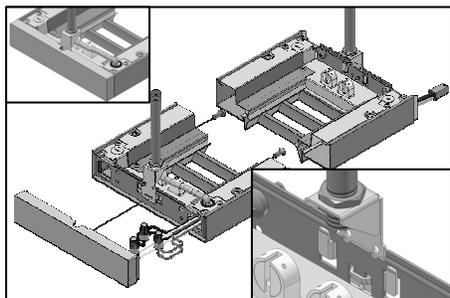


5. Repeat Steps 3 through 5 until last fixture in the row is hung. Discard the light shield. Secure the hanger and install end-cap as Step 1 & 2 to complete the fixture row. Level the whole fixture row. Tighten lock nuts on all fixed cable studs to complete the installation.

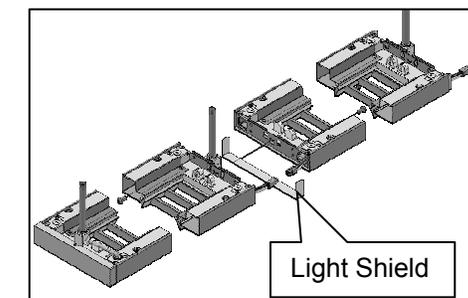
B) Stem Mounting Fixture Row Installation



2. Insert power wires through stem, sleeve, bushing, and knockout on the fixture. Hook stem hanger onto first fixture at the male connector end. Secure the hanger with #8 flat head screw. Discard a 1/4 -20 screw where end-cap will be installed. Cut off male wire connector.



1. Hook the hanger at the other end of the fixture. Insert stems into hangers and lock with bottom and top nuts. Splice the wire with wire nuts. Cap unused wires where applicable. Install end-cap the same way as indicated in Step 2 of "cable mounting".



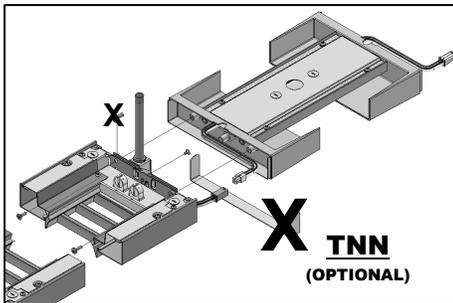
3. Hook hanger and install stem with nuts at the end with female connector. Raise the fixture into position and connect wire connectors. Bolt fixtures with two 1/4-20 screws and with the light shield in between. Adjust the stem to level the fixtures.

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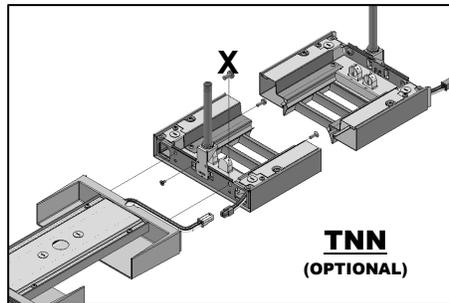
BRM1/2/3/4/7/9

INSTALLATION INSTRUCTION

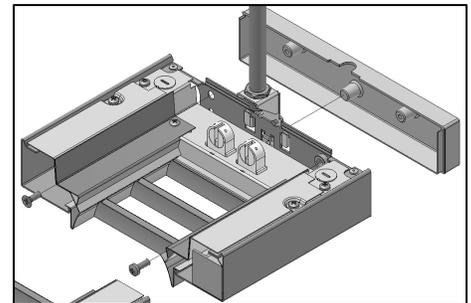
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6. **OPTIONAL:** Connect fixture and TNN with wire connectors. Discard the light shield and the 1/4-20 screw. Secure the hanger with a #8 flat head screw. Connect TNN with two screws as the installation of the end-cap. Repeat same step for CNR, CNRT, or CNRX.

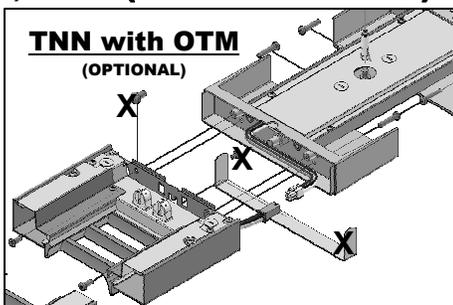


5. **OPTIONAL:** Repeat Step 1 & 3 to install the hangers and stems on next fixture. Raise the fixture into position and connect to TNN as Step 4 where applicable. Level the fixtures. Repeat same step for CNR, CNRT, or CNRX.

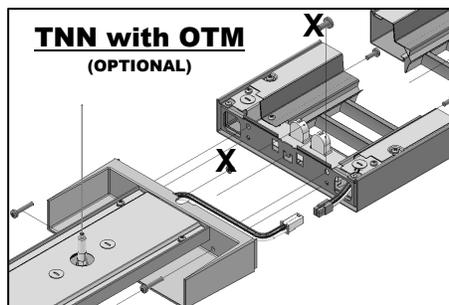


4. Repeat Steps 3 through 5 until last fixture in the row is hung. Discard the light shield. Secure the hanger and install end-cap as Step 1 & 2 to complete the fixture row. Level the whole fixture row. Tighten lock nuts on stems to complete the installation.

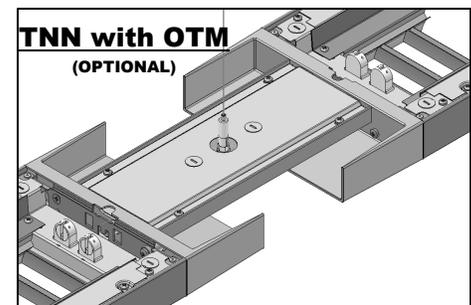
C) OTM (On Tenon Mount) Installation



1. Without using hanger at the fixture/TNN joint, refer standard method shown on "Cable Mounting" Steps to connect TNN to fixture. Use two #10-1" screws to securely fasten the joint. Install the adjustable cable grip and cables to the TNN hanger and tight it.

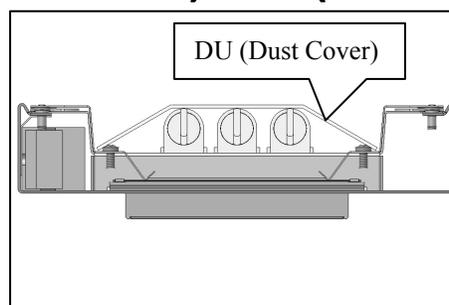
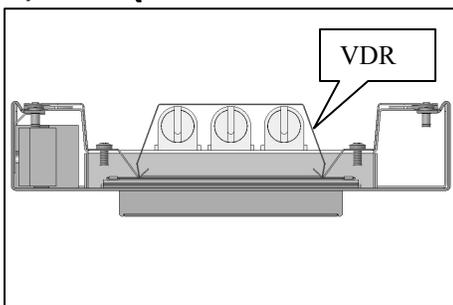


3. Without using hanger at TNN/fixture joint, refer standard method shown on "Cable Mounting" Steps to connect Fixture to TNN. Use two #10-1" screws to securely fasten the joint.



2. Adjust the cable at TNN to level the fixtures. Refer the rest standard steps to complete the fixture row. Repeat same steps for CNR.

D) VDR (Variable Distribution Reflector) & DU (Dust Cover) Installations



1. For optional VDR (Variable Distribution Reflector) on BRM4 and Optional DU (Dust Cover) on all BRM fixtures, simply remove the VDR or DU to re-lamp during maintenance and then restore the part by overlaying typically as shown on the left to cover the lamp.

E) Mounting Kit Accessories

Used On	Mounting Kit Name (Accessories)	
	Fixed Cable or Rigid Stem	Adjustable cable
Support location at normal power feed	BRMFK	ACGFK
Support location at emergency power feed	BRMEK	ACGEK
Support location without power feed	BRMSK	ACGSK