

# CRYSTORAMA

LIGHTING THE WAY FOR SIXTY YEARS



Crystorama.com

## ASSEMBLY INSTRUCTION MODEL# EMO-5409-MG

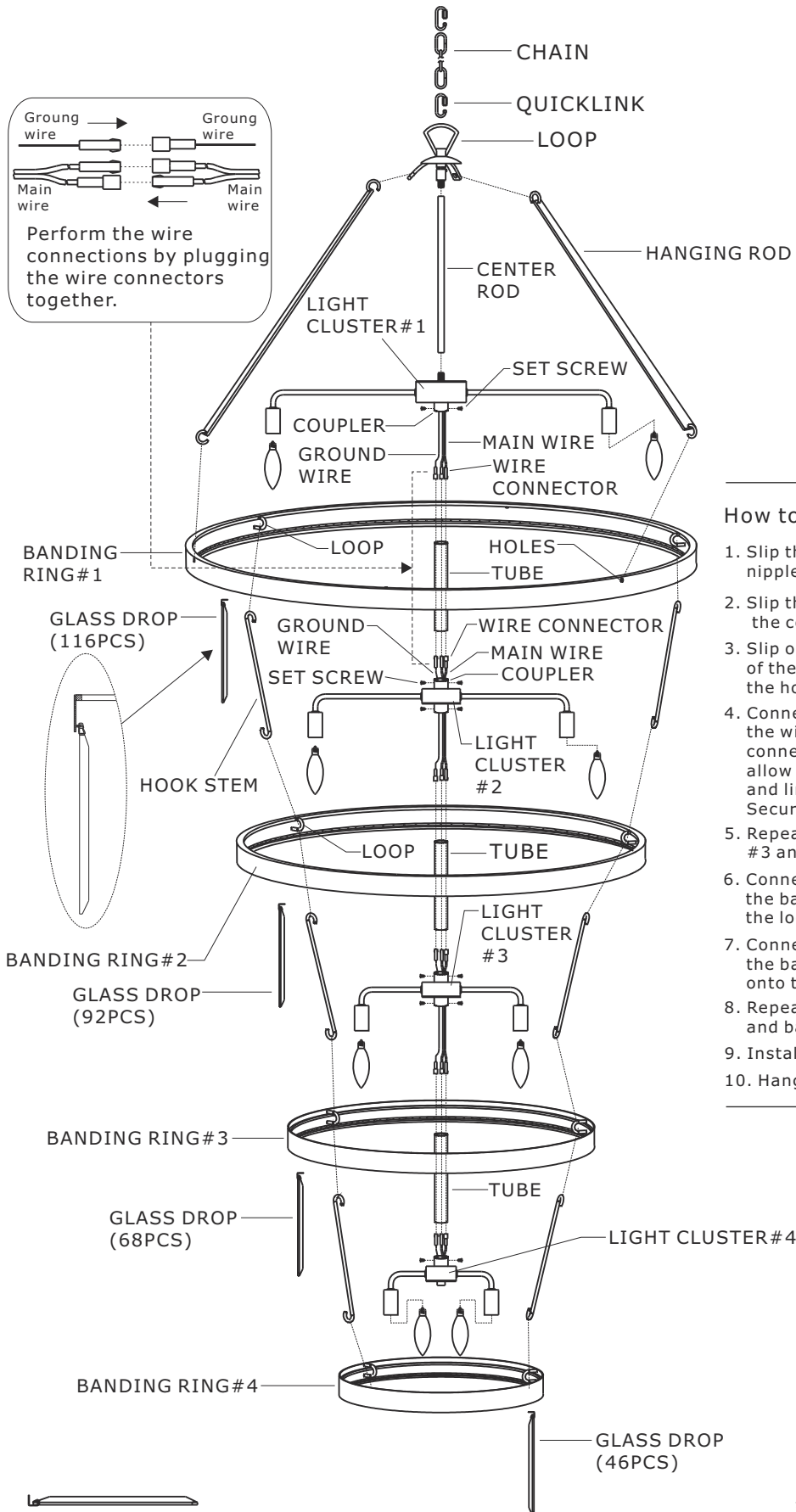
Refer to the safety cable mounting on the next page!



All electrical components must be installed by a licensed electrician in accordance with the National Electric Code and the appropriate local electrical codes.



You will need 22- Candelabra Base Bulb  
40 Watts Recommended 60 Watts Max.  
USE LED BULBS FOR EXTENDED USE  
This fixture is Damp rated



### How to install

1. Slip the center rod along wire and thread onto the nipple located on the top of the light cluster #1.
2. Slip the loop assembly along wire and thread into the center rod.
3. Slip one of the tubes over the coupler on the bottom of the light cluster #1 and line up the holes on it with the holes on the coupler. Secure it with the screw.
4. Connect the fixture wire from light cluster #1 onto the wire from light cluster #2 by plugging the wire connector together. Raise the light cluster #2 up to allow the coupler on top of it to slip into the tube and line up the holes on it with holes on the tube. Secure it with the screw.
5. Repeat step 3 and 4 for assembly of the light cluster #3 and light cluster #4.
6. Connect one end of the hanging rod into the hole of the banding ring #1. Connect the other end of it onto the loop assembly.
7. Connect one end of the hook stem onto the loop on the banding ring #1. Connect the other end of it onto the loops of the banding ring #2.
8. Repeat step 7 for assembly of the banding ring #3 and banding ring #4..
9. Install the bulbs(not included) into the socket.
10. Hang glass drop to the banding ring.



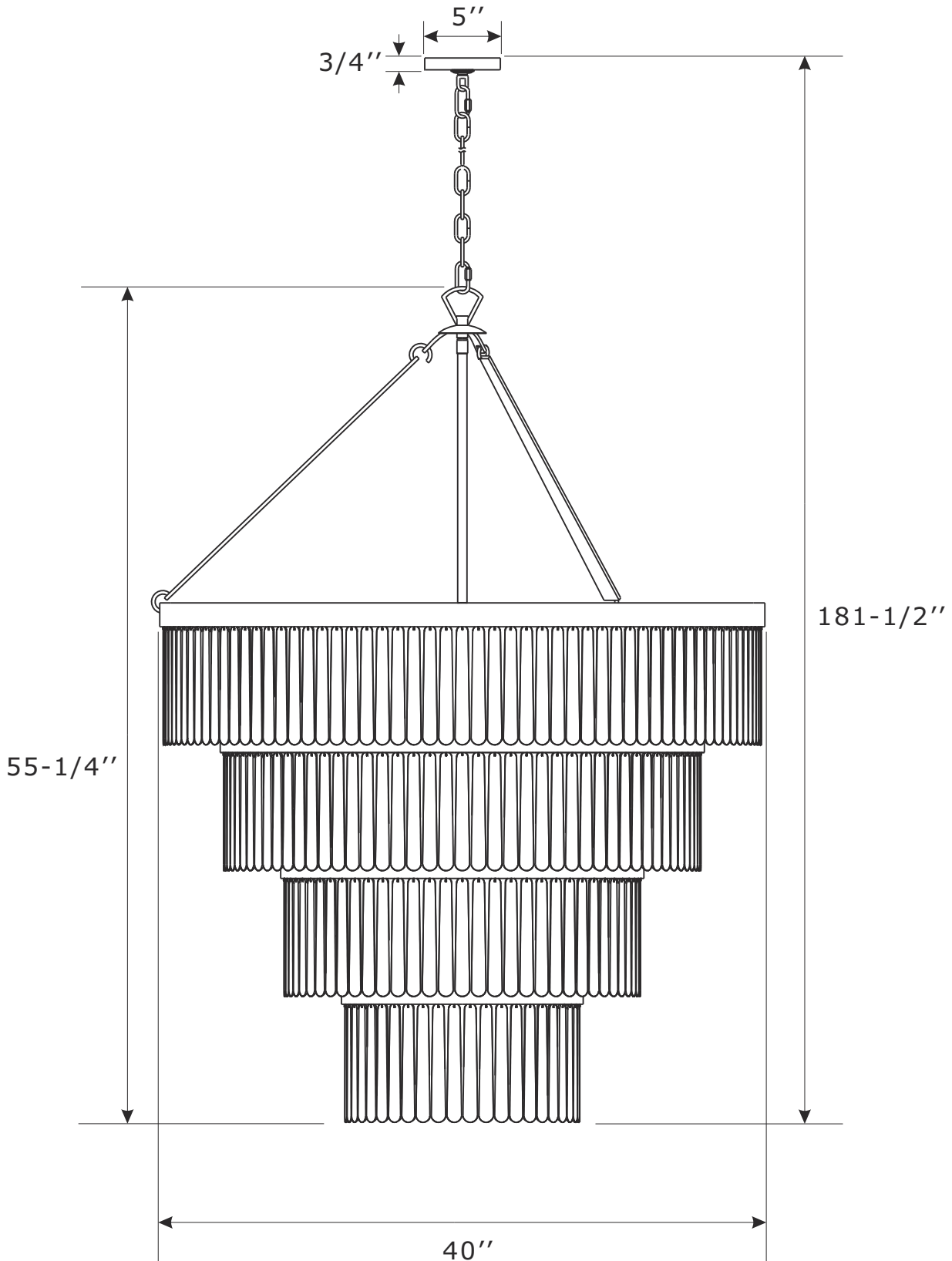
(W1"xL7-7/8")x322sets

**WARNING:** This product can expose you to Lead which is known to the state of California to cause cancer and/or birth defects or reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

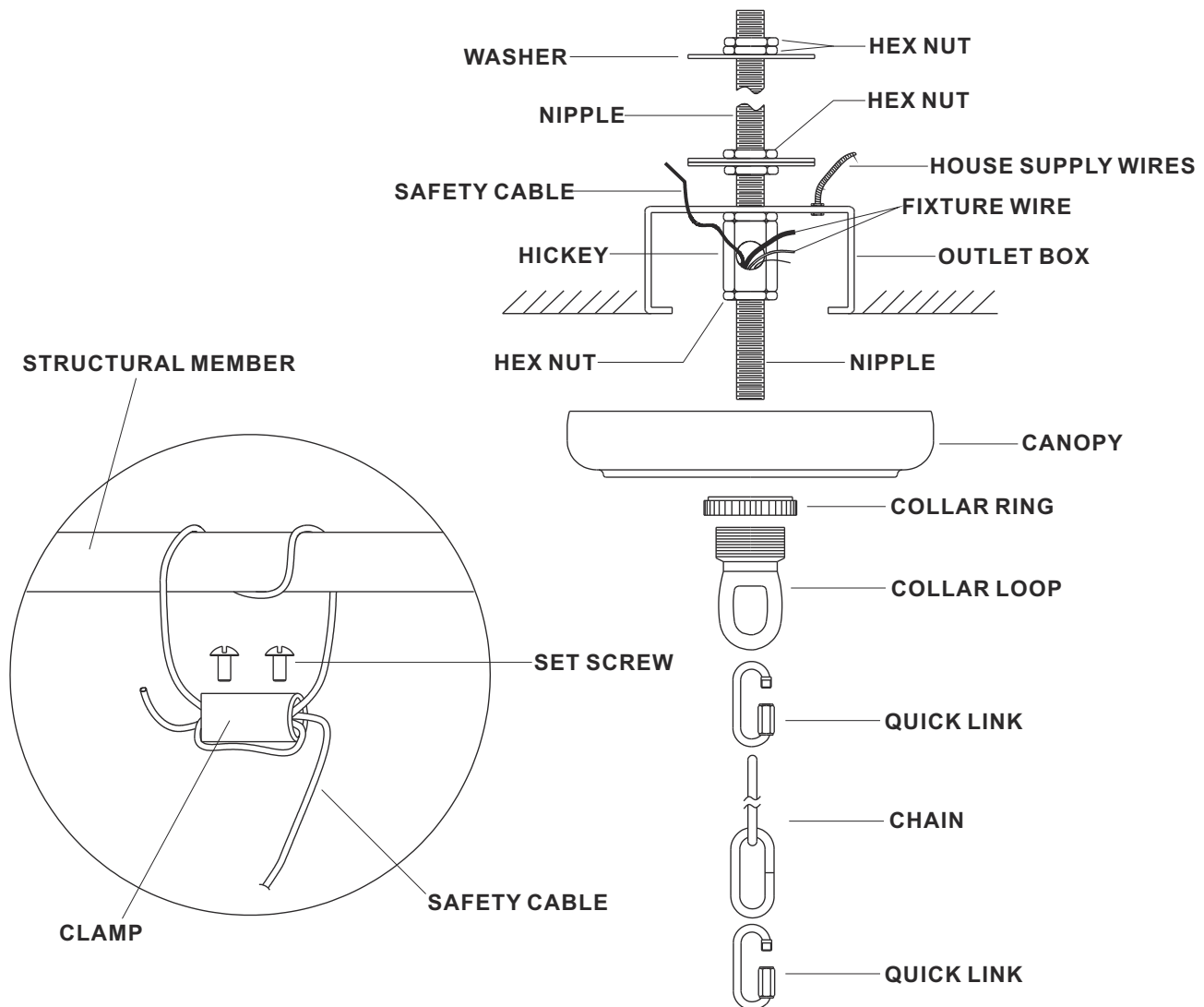
# CRYSTORAMA

LIGHTING THE WAY FOR SIXTY YEARS

ASSEMBLY INSTRUCTION MODEL# EMO-5409-MG



# SAFETY CABLE INSTALLATION INSTRUCTIONS



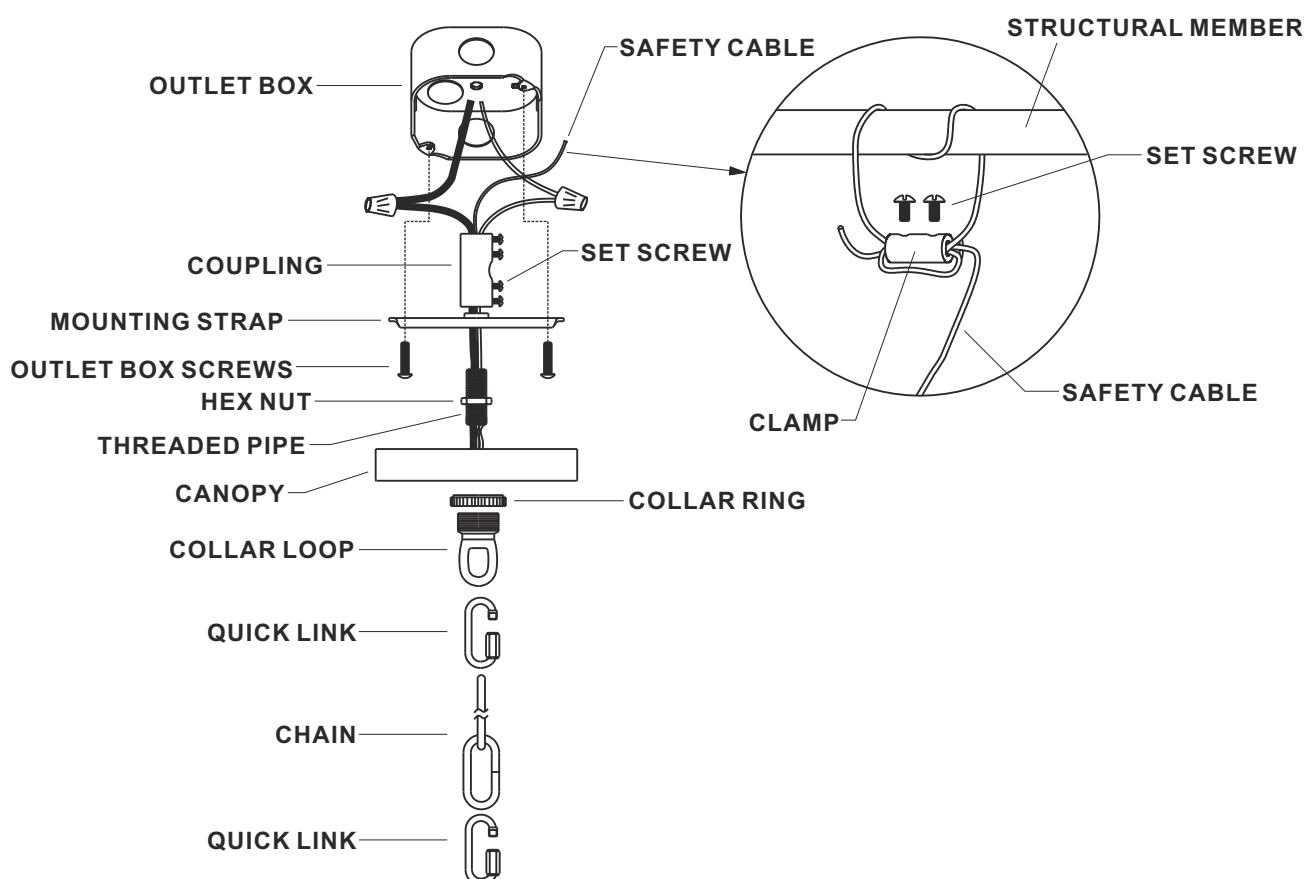
## IMPORTANT:

**FOR A SAFE AND SECURE INSTALLATION, THESE FIXTURES MUST BE INSTALLED BY MEANS OF SUPPORTS THAT ARE INDEPENDENT OF THE OUTLET BOX.**

## SUGGESTED INSTALLATION:

1. Provide a 1/4 IPS pipe with one end securely mounted to a beam or a structural member. The other end should protrude through the center of the outlet, as shown.
2. Assemble the screw collar loop, nipple, hex nuts and hickey to center 1/4 IPS support pipe and adjust overall length to allow the collar ring to hold the canopy flush to the ceiling. When the adjustments have been completed secure the hex nut, as shown.
3. Use one quick link to connect fixture loop and the bottom of chain. Slide the screw collar ring over the upper end of the chain, through the (Finished side down). Then use another quick link to connect collar loop and the top of chain.
4. Lace the fixture wires, ground wires and safety cable through the chain and screw collar loop, exiting through the side of HICKEY. Proceed to attach the FIXTURE GROUND WIRE to HOUSE GROUND WIRE using wire connector. Using wire connectors, connect the HOUSE WHITE WIRE to the FIXTURE SUPPLY WIRE (WHITE OR RIBBED SIDE); connect the HOUSE BLACK (or RED) WIRE to the FIXTURE SUPPLY WIRE (BLACK or SMOOTH SIDE). Wrap all connectors with approved electrical tape. Wrap safety cable around outlet box brace and pull cable taut. Secure cable with the clamp and (2) set screws provided, as shown.
5. Push the CANOPY upward over the OUTLET BOX. Be sure that all wires are carefully tucked into the OUTLET BOX cavity. Secure canopy against ceiling by threading CANOPY LOCK RING onto the CANOPY LOOP. Tighten until snug.

**\*\*\* ATTENTION-If the use of the Mounting Bracket is the installation method being done, you will need an outlet box (not supplied) rated for 100lbs or more \*\*\***



**NOTE: NEC CODE (314.24) requires that ceiling outlet boxes in the United States support up to 50 lbs. This fixture exceeds 50 lbs. and must be installed using an outlet box approved for up to 100 lbs. or independently of the existing outlet box. Installation hardware and instructions are provided for both.**

**MOUNTING TO A 100 lb. MAX. APPROVED OUTLET BOX.**

- 1. Feed the Support cable from the fixture through the outlet box. Drill 3/16" diameter hole in outlet box if no other holes are available. Wrap safety cable around the structural member and pull cable taut. Secure cable with the clamp and (2) set screws provided.**
- 2. Screw the threaded rod into the coupling until the threaded rod is flush with top of the coupling. Secure in place by tightening the sets screw.**
- 3. Pass the threaded pipe through the mounting strap.**
- 4. Thread screw collar loop onto the threaded rod until the threaded rod is flush with hole on lower side of screw collar loop.**
- 5. Secure screw collar loop in place by tightening the hex nut.**
- 6. Assemble the mounting strap to outlet box using screws provided with outlet box.**
- 7. Use one quick link to connect fixture loop and the bottom of chain. Slide the screw collar ring over the upper end of the chain, through the (Finished side down). Then use another quick link to connect collar loop and the top of chain.**
- 8. Lace the fixture wires, ground wires and safety cable through the chain and screw collar loop. Proceed to attach the FIXTURE GROUND WIRE to HOUSE GROUND WIRE using wire connector. Using wire connectors, connect the HOUSE WHITE WIRE to the FIXTURE SUPPLY WIRE (WHITE OR RIBBED SIDE); connect the HOUSE BLACK (or RED) WIRE to the FIXTURE SUPPLY WIRE (BLACK or SMOOTH SIDE). Wrap all connectors with approved electrical tape.**
- 9. Push the CANOPY upward over the OUTLET BOX. Be sure that all wires are carefully tucked into the OUTLET BOX cavity. Secure canopy against ceiling by threading CANOPY LOCK RING onto the CANOPY LOOP. Tighten until snug.**

## Part Number

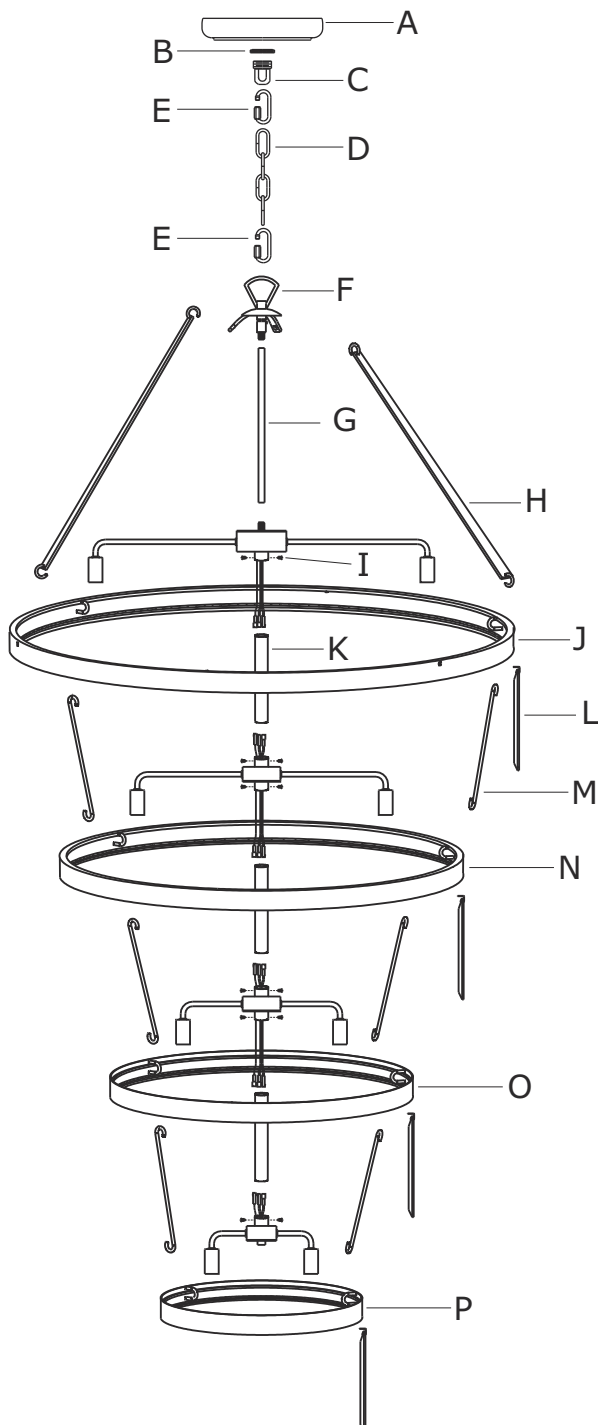
### Part Numbers

For 50lbs rated outlet box

- (1)-Long threaded rod
- (1)-Hickey
- (1)-Short threaded pip
- (3)-Metal washer
- (7)-Hex nut

For 100lbs rated outlet box

- (1)-Thread pipe
- (1)-Mounting strap
- (2)-Two machine screws
- (1)-Coupling with set screws
- (1)-Hex nut



- A. (1)-Canopy W5"xH3/4" #XRF5409MGCAN5IN
- B. (1)-Collar ring
- C. (1)-Collar loop
- D. (1)-Chain -L120", 5mm thick #XRF5409MGCHA5MM
- E. (2)-Quick link
- F. (1)-Loop assembly #XRF5409MGLOOP
- G. (1)-Center rod #W5/8"xL16-1/2" #XRF5409MGINROD16.5IN
- H. (3)-Hanging rod #W1-1/8"xL25-1/8" #XRF5409MGROD25IN
- I. (18)-Ste screw
- J. (1)-Banding ring#1 #W40"xH1-5/8" #XRF5409MGRING1
- K. (3)-Tube W1"xL6-7/8" #XRF5409MGSTEM6.875IN
- L. (322)-Glass drop
- M. (9)-Hook stem
- N. (1)-Banding ring#2 #W32"xH1-5/8" #XRF5409MGRING2
- O. (1)-Banding ring#3 #W24"xH1-5/8" #XRF5409MGRING3
- P. (1)-Banding ring#4 #W16"xH1-5/8" #XRF5409MGRING4