

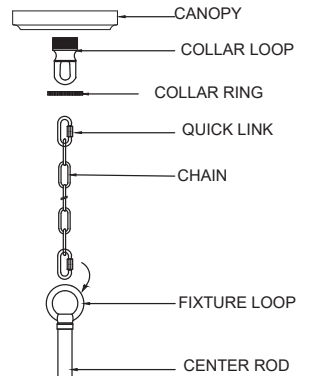
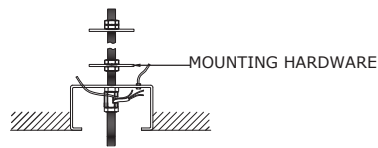
# CRYSTORAMA

LIGHTING THE WAY FOR SIXTY YEARS

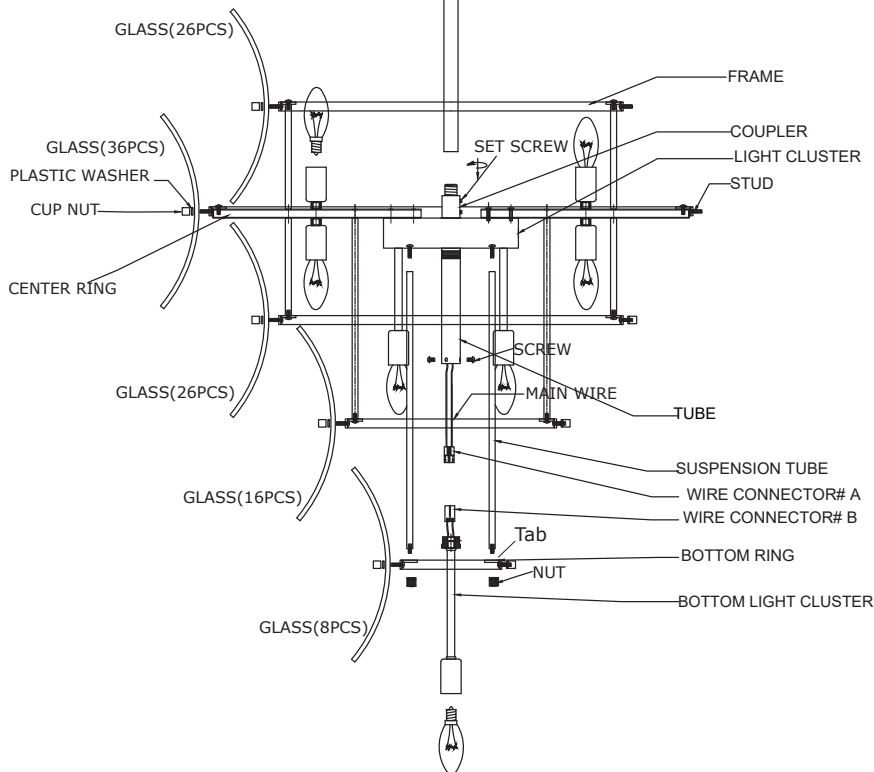


## ASSEMBLY INSTRUCTION MODEL # ABI-2008-AG-BL

Refer to the safety cable mounting on the next page



(10 1/4x2 1/8x2")112PCS



### WARNING:



Electrical Danger



Turn Power off

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 21 Candelabra Base Bulb  
40 Watts Recommended 60 Watts Max.  
USE LED BULBS FOR EXTENDED USE  
This fixture is Dry rated

### How to install

- 1.Raise the bottom light cluster up, insert the wire connector#B plug from it to the A plug from the bottom of the light cluster. Carefully tuck the wires and plugs inside the tube and secure the bottom light cluster by using the screws.
- 2.Screw one end of suspension tube onto the bottom of light cluster. Raise the bottom ring up to arrow the threaded nipple on the end of the suspension tube to protrude through the hole of the tab on it. Secure with the nuts.
- 3.Decide the preferred hanging height and choose the correct length of chain needed. Feed the fixture wire and safety cable through the center rod and screw it onto the coupler. (Loosen the set screw if the center rod can not be screwed all the way down).
- 4.Attach one end of the quick link to the fixture loop, and the other end to the chain. Weave the fixture wire through the chain links. Slip the collar ring and canopy down over end of chain. Refer to the safety cable mounting on the next page.
- 5.Raise the fixture up to the ceiling, then connect another end of chain to the collar loop with another quick link.
- 6.Feed the wires and safety cable carefully through collar loop and nipple. Connect the electrical wires as shown.
- 7.Carefully raise the canopy up to ceiling and secure with the collar ring.
- 8.Install the bulbs into socket.
- 9.Starting from the bottom of frame, place the glass over the stud on the frame and secure with the plastic washers and cap nuts. Do not overtighten the cap nut to prevent the glass from breaking. Dress the glass on the center ring last.

### Glass Sets

- 1.112 pcs Blue Glass(7 1/8x2x1 5/8")



**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)

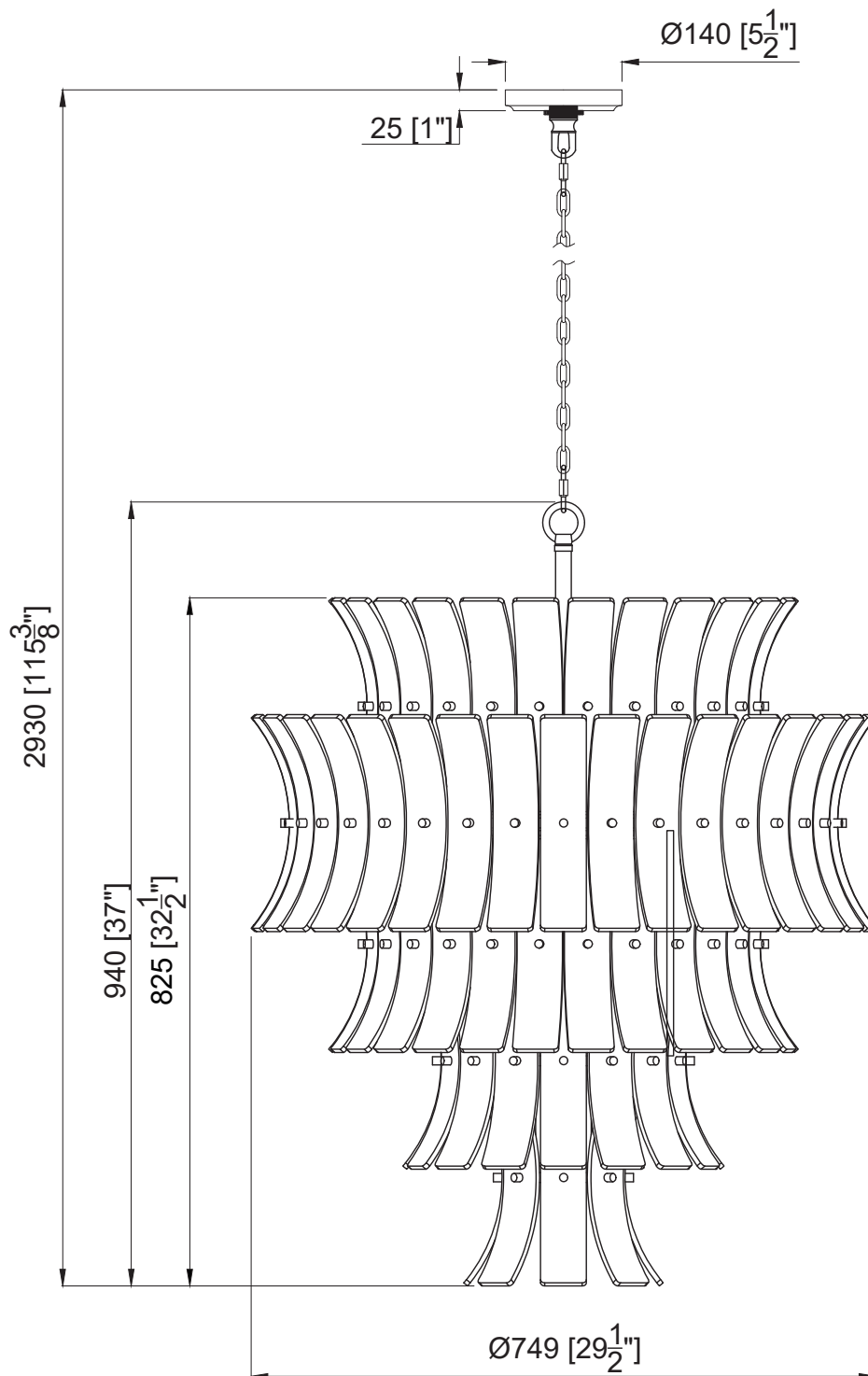
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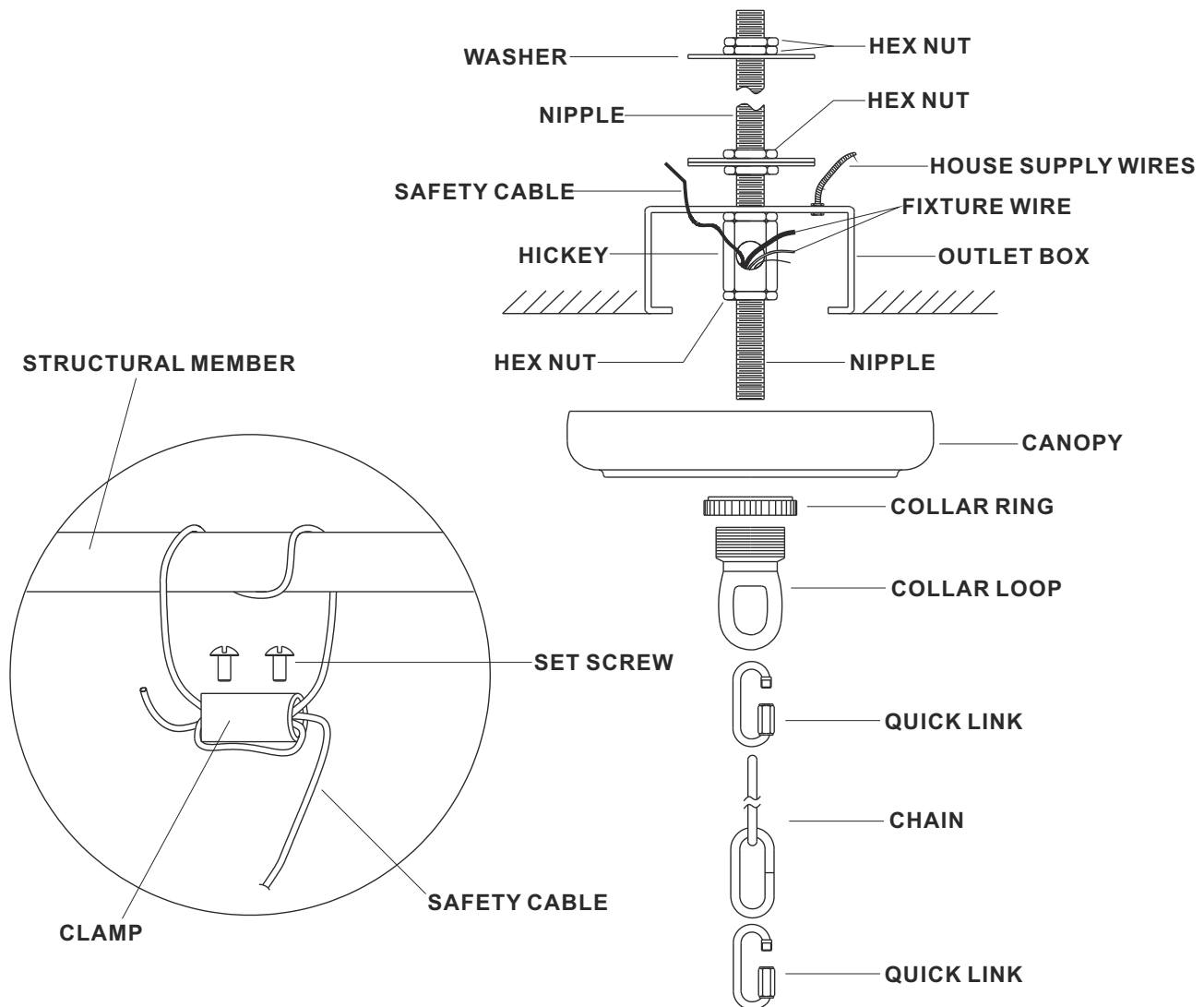


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# SAFETY CABLE INSTALLATION INSTRUCTIONS



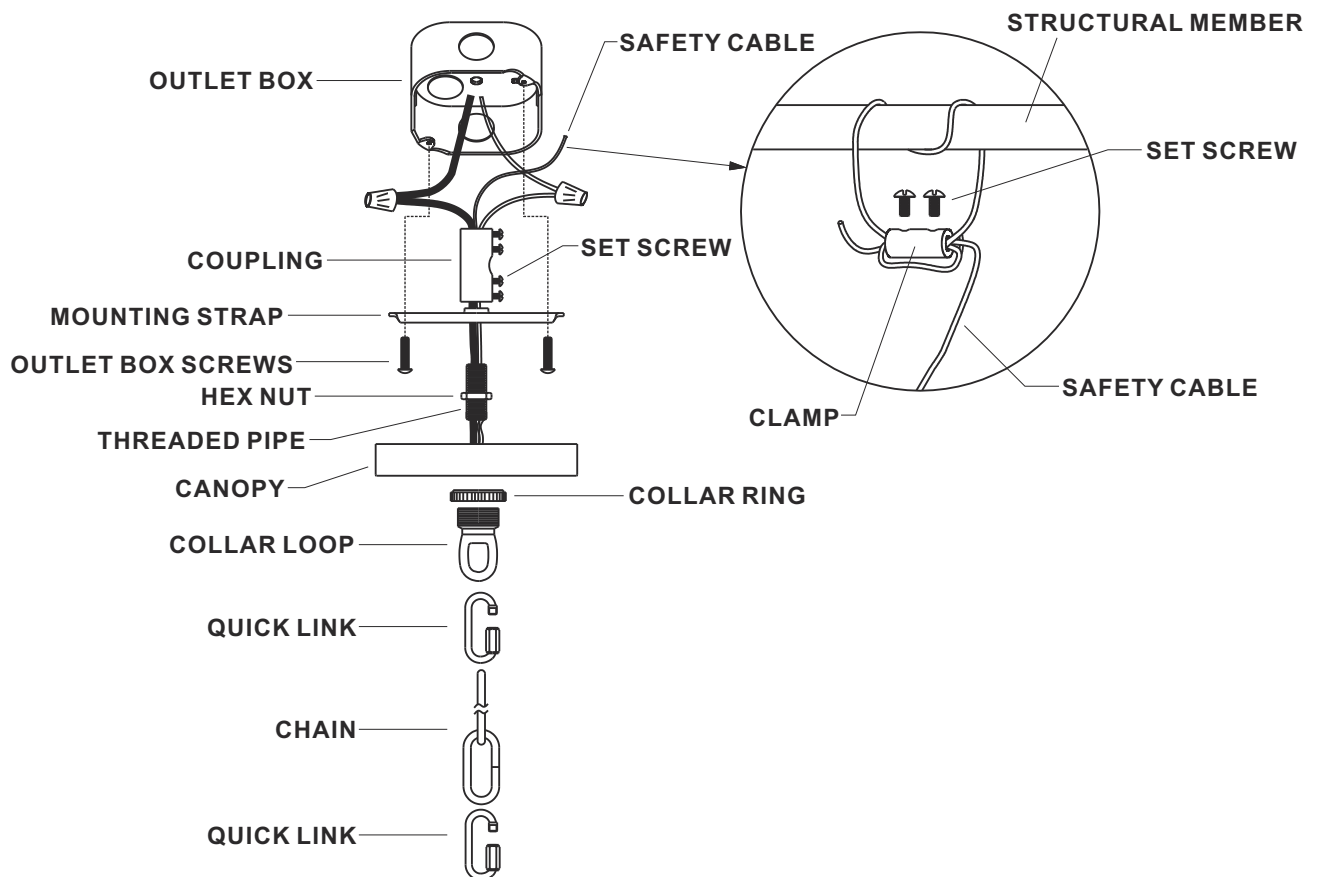
## IMPORTANT:

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.**

## ASSEMBLY INSTRUCTION MODEL # ABI-2008-AG-BL

### Part Number

#### Part Numbers

A. Mounting hardware includes

For 50lbs rated outlet box  
 (1)-Long threaded nipple  
 (1)-Hickey  
 (1)-Short thread nipple  
 (3)-Metal washer  
 (7)-Hex.nut

For 100lbs rated outlet box  
 (1)-Thread nipple  
 (1)-Mounting plate  
 (2)-Two machine screws  
 (2)-Hex.nut

B. (1)-Canopy,D5-1/2xH1"  
 (XBN2006AGCAN5.5IN)

C. (1)-Collar loop

D. (1)-Collar ring

E. (2)-Quick link

F. (1)-Chain,D5mmxL72"  
 (XBN2006AGCHA5MM)

G. (1)-Fixture loop

H. (1)-Center rod,D19xL12"

I. (1)-Frame

J. (1)-Tube,D25mmxL7 7/8"

K. (4)-Suspension tube,L14 1/2"

L. (1)-Bottom ring

M. (1)-Bottom light cluster

N. (4)-Nut

O. (112)-Blut glass,H10 1/4xW2 1/8xD2"  
 (XBN2006BLGLA10.25IN )

P. (112)-Cap nut,D3/8xH3/8"

Q. (224)-Plastic washer

