Kanova & Co.

INSTALLATION INSTRUCTIONS

Installation Guide
Heavy-Duty Suspended Chandelier with Independent Safety Cable

Stratum Single-tier Chandelier - Large
ITEM# KCH5130S-32

IMPORTANT SAFETY INSTRUCTIONS

1. These instructions are provided for your safety. Read them carefully and completely before installing the chandelier.
2. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODES BY A QUALIFIED PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.
3. This fixture requires eight (8) E26-base bulbs, 40 W maximum per bulb (not included).
4. To reduce the risk of fire, do not exceed the maximum wattage shown on the fixture label.
5. Suitable for indoor, dry locations only.
6. Connect only to a grounded, 120 V single-phase branch circuit.
7. Keep the fixture, packaging, and small parts away from children.

WARNING:

- Turn off the electrical supply at the main circuit panel before installation. Verify that the power is off before touching any wiring. Do not restore power until the chandelier is completely assembled and installed.
- To reduce the risk of fire, electric shock, or personal injury, turn off the chandelier and allow it to cool before replacing a bulb. Do not touch a bulb while the fixture is on or look directly at a lit bulb.
- Keep flammable materials away from the bulbs.

PRE-ASSEMBLY:

- Remove all parts and hardware from the carton and protective packaging. Do not discard any contents until installation is complete.
- Due to the fixture's size and weight, a minimum of two qualified installers and an appropriate lifting device are required. Do not lift or suspend the chandelier by its electrical wires or safety steel cable.

TOOLS REQUIRED (NOT INCLUDED):

Phillips screwdriver, slotted screwdriver, wire strippers, slip-joint pliers, measuring tape, adjustable wrenches, and wire cutters.

HEAVY FIXTURE NOTICE

This chandelier must be installed using Kanova's Heavy-Duty Threaded-Pipe Suspension System (HSS). The outlet (junction) box must not support any portion of the fixture weight.
The HSS transfers the fixture load directly to a structural building member. Complete Section 1 before assembling or suspending the chandelier. Failure to install the structural suspension system correctly may result in fixture failure, property damage, serious injury, or death.

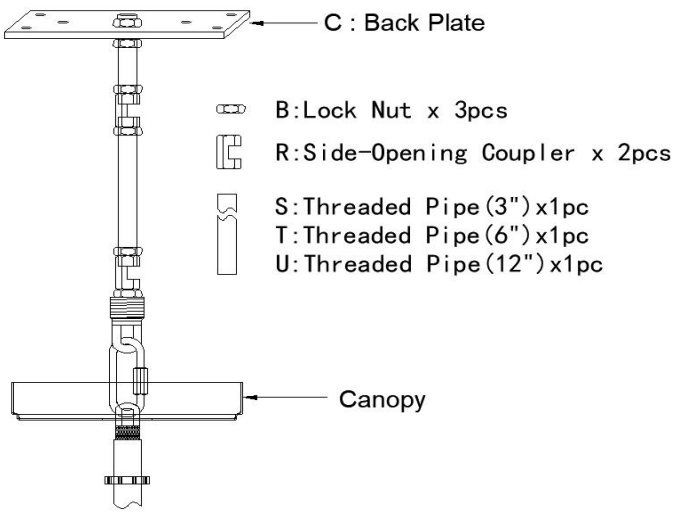
INSTALLATION OVERVIEW

Installation consists of two separate procedures:

SECTION 1: Structural Suspension System Installation
Install and secure the Heavy-Duty Threaded-Pipe Suspension System (HSS) directly to a structural building member.
Structural fasteners are not included and must be selected by the installer according to the building structure and required load.

SECTION 2: Chandelier Installation
Assemble the chandelier, connect it to the suspension system, attach the independent safety cable, complete the electrical wiring, and finish the installation.

SECTION 1: STRUCTURAL SUSPENSION SYSTEM INSTALLATION



WARNING:

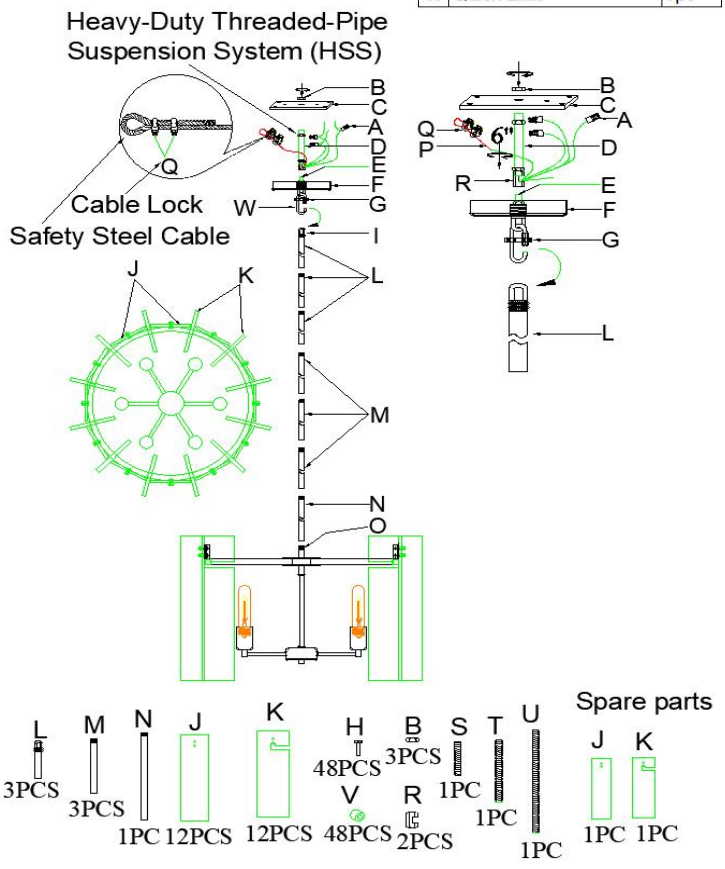
- Installation must be performed by a qualified electrician.
- The Heavy-Duty Threaded-Pipe Suspension System (HSS) must be securely fastened directly to a structural building member.
- The outlet (junction) box is for electrical connections only and must not support the fixture weight.
- Verify that the structural member and all mounting hardware are capable of supporting at least five (5) times the total installed weight of the chandelier.
- Structural fasteners must be selected by the installer for the specific building material and installation conditions.

INSTALLATION STEPS:

1. Locate Structural Support: Locate a solid structural member above the ceiling, such as a wood joist, engineered blocking, structural steel, or concrete, capable of supporting the required load.
2. Install the Back Plate: Center Back Plate (C) above the junction box and secure it directly to an approved structural building member. Use structural fasteners selected by the installer for the specific building material and required load. Structural fasteners are not included. Tighten all fasteners securely.
3. Assemble the Structural Threaded-Pipe Assembly: Determine the required suspension length. Select the appropriate Threaded Pipes (S), (T), and/or (U), and connect the required pipe sections using Side-Opening Couplers (R). Fully engage each threaded connection and tighten it securely using two appropriate wrenches. Keep the completed assembly straight and plumb.
4. Position the Suspension Assembly: Adjust the structural threaded-pipe assembly so that its lower threaded end is centered within the junction box and provides sufficient exposed thread for full engagement with Side-Opening Coupler (R). Ensure that the assembly does not interfere with the electrical conductors.
5. Verify Installation:
   a. The back plate is securely attached directly to the building structure.
   b. All threaded pipes and couplers are fully engaged and tightened.
   c. The pipe is centered, straight, and plumb.
   d. The assembly is rigid and does not move.
   e. The junction box does not carry any fixture weight.

SECTION 2: CHANDELIER INSTALLATION

A	Wire Connectors	3pcs
B	Lock Nut	3pcs
C	Back Plate	1pc
D	Threaded Pipe	3pcs
E	Collar Loop	1pc
F	Canopy	1pc
G	Collar Ring	1pc
H	Screw	48pcs
I	Fixture Loop	1pc
J	Glass (12pcs+1pc spare)	13pcs
K	Glass (12pcs+1pc spare)	13pcs
L	Rod (6")	3pcs
M	Rod (12")	3pcs
N	Rod (18")	1pc
O	Nipple	1pc
P	Safety Steel Cable	1pc
Q	Cable Lock	2pcs
R	Side-Opening Coupler	2pcs
S	Threaded Pipe (3")	1pc
T	Threaded Pipe (6")	1pc
U	Threaded Pipe (12")	1pc
V	Nut	48pcs
W	Quick Link	1pc



1. **Unpack and Inspect the Fixture:** Place all parts on a clean, soft surface. Confirm that all parts and hardware are present and undamaged. Keep the chandelier supported by an appropriate lifting device throughout installation.
2. **Turn Off Power:** Turn off the electrical supply at the main circuit panel and verify that the power is off.
3. **Assemble the Canopy Connection:** Thread Threaded Pipe (D) fully into Side-Opening Coupler (R) and secure the connection with Lock Nut (B). Thread Collar Loop (E) onto the lower end of Threaded Pipe (D) and tighten it securely. Fully engage and tighten all threaded connections using the appropriate wrenches.
4. **Position the Canopy:** Slide Canopy (F) over Threaded Pipe (D). Temporarily hold it in place with the Collar Ring (G), leaving access for the mechanical and electrical connections.
5. **Set the Hanging Height and Assemble the Rods**: Select the required combination of 18" Rod (N), 12" Rods (M) and the 6" Rods (L) to obtain the desired hanging height. Carefully feed the fixture wires, ground wire, and safety steel cable through each selected rod while connecting the rods. Fully engage and securely tighten every rod connection. Then thread the lower end of the rod assembly securely onto Nipple (O). Do not twist, kink, pinch, or damage the wires or safety steel cable.
6. **Route the Conductors and Safety Steel Cable Through the Upper Components:** Continue feeding the fixture wires, ground wire, and safety steel cable through Fixture Loop (I), Quick Link (W), Collar Loop (E), and Canopy (F), as shown in the assembly diagram. Leave sufficient conductor length for the electrical connections inside the junction box. Do not cut, shorten, kink, or pinch the safety steel cable.
7. **Connect the Rod Assembly:** Open Quick Link (W) and use it to connect Fixture Loop (I) at the upper end of the rod assembly to Collar Loop (E). Close and securely tighten Quick Link (W). Confirm that the conductors and safety cable are properly routed and are not pinched.
8. **Connect the Fixture Assembly to the Structural Suspension System:** While at least two installers support the fixture with an appropriate lifting device, align the upper threaded opening of Side-Opening Coupler (R), assembled in Step 3, with the exposed lower end of the structural threaded-pipe assembly. Fully thread the coupler onto the pipe and tighten it securely using appropriate wrenches. Tighten Lock Nut (B) against the coupler to secure the connection. Do not remove the lifting support until the connection has been inspected and verified.
9. **Attach the Safety Steel Cable:** Install Safety Steel Cable (P) as shown on Page 3. Route it around an approved structural building member and secure the return end using both Cable Locks (Q). Adjust the cable so that it has only slight slack and does not support the fixture under normal operating conditions. Never attach the safety steel cable to the junction box, mounting plate, electrical wiring, or primary suspension hardware.
10. **Make the Electrical Connections:**
    - Connect the fixture ground wire (bare copper or green) to the building ground wire with the supplied wire connector.
    - Connect the fixture neutral wire, labeled "N," to the white building neutral wire.
    - Connect the fixture hot wire, labeled "L," to the black building hot wire.

    CAUTION: Do not reverse the hot and neutral connections.
11. **Complete the Wiring:** Confirm that all wire connectors are tight. Carefully place the conductors inside the junction box. Ensure that no wires or the safety steel cable are pinched or in contact with sharp edges.
12. **Install the Canopy:** Raise Canopy (F) to the ceiling and secure it to Collar Loop (E) with the Collar Ring (G). Confirm that the canopy sits flush against the ceiling.
13. **Level and Inspect the Fixture:** Confirm that the chandelier hangs straight and level. Inspect all threaded pipes, rods, couplers, quick links, locknuts, and fasteners to ensure they are fully engaged, closed, and tightened.
14. **Install the Bulbs:** Install eight (8) E26-base bulbs, 40 W maximum per bulb. Do not exceed the wattage shown on the fixture label. Keep the power off during installation.
15. **Install the Decorative Glass Pieces:** Wear clean cotton gloves when handling the glass. Beginning at the bottom of the fixture, install all 12 Decorative Glass Pieces (K) at the designated frame locations, securing each piece with two Screws (H) and two Nuts (V), as shown in the assembly diagram. Then install all 12 Decorative Glass Pieces (J) in the same manner. Ensure that the smooth side of each Glass Piece (J) faces outward. Tighten the fasteners only until the glass is secure. Do not overtighten.
16. **Restore Power and Test:** Confirm that all mechanical and electrical connections are secure. Remove all tools and lifting equipment, restore power, and test the chandelier.

INSTALLATION CHECKLIST:

- ☐ Electrical supply turned off and verified
- ☐ Structural support and fasteners rated for the required load
- ☐ Back plate securely fastened directly to building structure
- ☐ Threaded pipes, rods, and couplers fully engaged and tightened
- ☐ Fixture fully supported by the Heavy-Duty Threaded-Pipe Suspension System (HSS)
- ☐ Safety steel cable independently attached to building structure
- ☐ Safety steel cable has slight slack and is not pinched or shortened
- ☐ Fixture ground, neutral, and hot wires correctly connected
- ☐ Wire connectors secured and conductors not pinched
- ☐ Canopy installed flush to ceiling
- ☐ Fixture straight and level
- ☐ Eight bulbs installed; 60 W maximum per bulb
- ☐ All 24 decorative glass pieces installed securely and evenly
- ☐ Power restored and fixture tested

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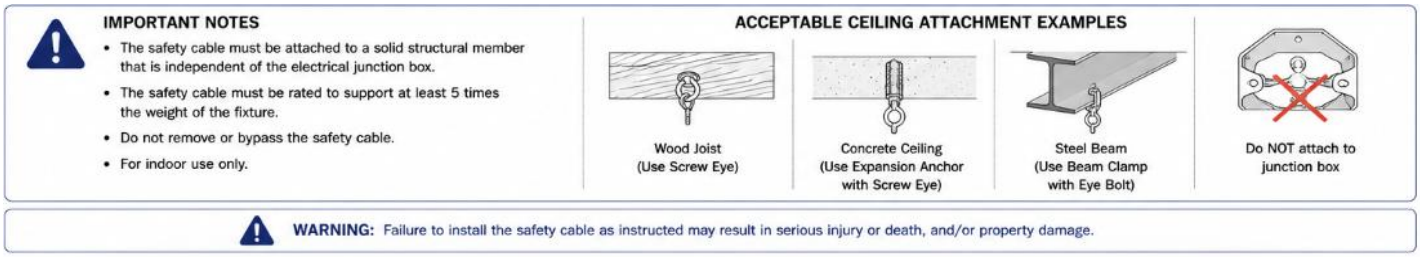
Safety Cable Installation

Install Safety Steel Cable:

1. Verify that the fixture end of the safety steel cable is securely attached.
2. Route the opposite end around an approved structural building member capable of supporting at least five (5) times the total installed weight of the fixture, and secure it with both Cable Locks (Q).
3. Adjust the safety cable so that it has only slight slack and does not support the fixture under normal operating conditions.
4. Never attach the safety cable to the junction box, mounting plate, electrical wiring, or primary suspension hardware.
5. Verify the safety cable is securely fastened before completing the installation.



WARNING:

The safety cable is a secondary safety restraint only and does not replace the primary fixture support. The chandelier must be supported by the Heavy-Duty Threaded-Pipe Suspension System (HSS), securely attached directly to a structural building member capable of supporting at least five (5) times the total installed weight of the fixture.