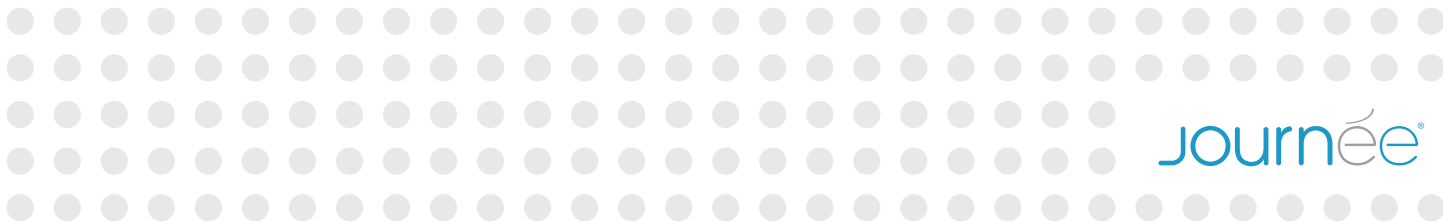
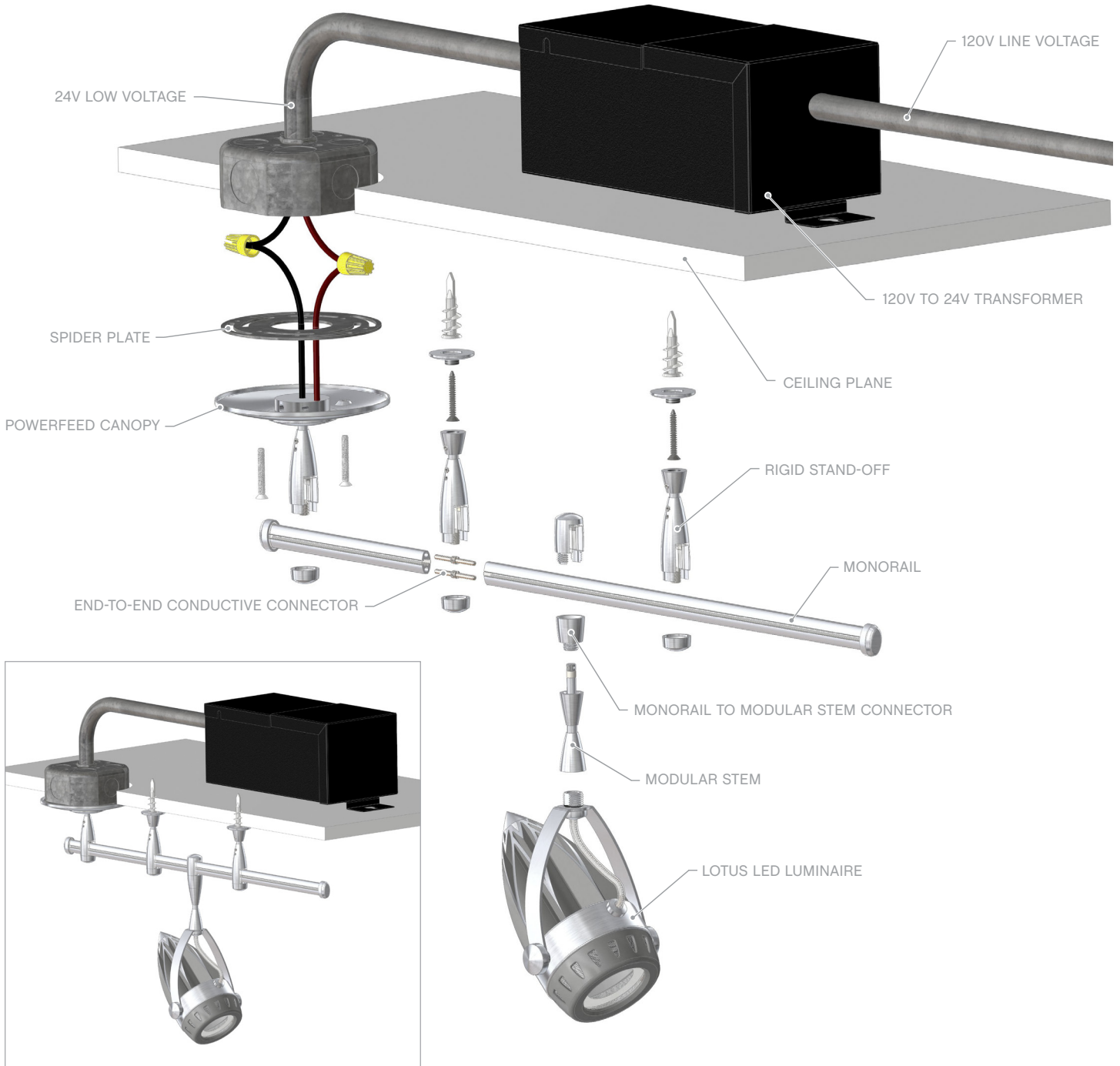




MONORAIL

by JOURNÉE

System Installation Instructions



IMPORTANT SAFETY INSTRUCTIONS

1. Read all instructions
2. Do not conceal or extend exposed conductors through a building wall.
3. Do not install this system in wet locations.
4. For low voltage exposed insulated conductor systems required by 30.1(c) do not install any part of this system less than 7 feet (2.2m) above the floor.
5. To reduce the risk of fire and burns, do not install this lighting system where the exposed bare conductors can be shorted or contact any conductive materials.
6. To reduce the risk of fire and overheating, make sure all connections are tight.
7. Do not install any luminaire closer than 6 inches (15.25cm) from any curtain, or similar combustible materials.
8. Turn off electrical power before modifying the lighting system in any way.
9. Wire the remote transformer for the system as described in these instructions.
10. Load the transformer to no more than the maximum rated capacity as specified.
11. This product must be used with the Journée Monrail System only
12. Only used properly specified Journée fixtures with system.
13. The system is UL listed only when all the products used are supplied by Journée Lighting
14. A typical installation is outlined. Specific installation must be in accordance with local electrical code.
15. **This product requires a qualified, licensed electrician to install the system.**

SAVE THESE INSTRUCTIONS



Detailed Order of Installation: Monorail Installation
REFER TO 'FIGURE A' MONORAIL INSTALLATION DIAGRAM

1. Unpack all boxes, being careful not to lose small hardware pieces and instructions. Lay the Journée system out on your work surface to make sure all parts are accounted for before installation.

Next, lay the system out on the floor for an overview of where individual items will be installed in the ceiling.

2. Install remote transformer

NOTE: USE ONLY THE JOURNÉE SUPPLIED

REMOTE TRANSFORMER

- Determine location of transformer, j-box and canopy
- REFER TO THE REMOTE TRANSFORMER INSTALLATION INSTRUCTIONS THAT ARE INCLUDED WITH THE REMOTE TRANSFORMER
- Install the remote transformer in accordance with the instructions included with the remote transformer
- Pull the correct gauge THHN wire from the transformer to the canopy.
- Install canopy at electrical box.

NOTE: MINIMUM VOLUME OF ELECTRICAL BOX MUST BE 15.5 CU. IN.

3. Bend, cut and assemble rail on the floor

- Journée Monorail can be field bent to a variety of curves and shapes. For best results we recommend the following:

- a. Determine the curve or radius of the bend
- b. Draw the curve on plywood, but 18% smaller (to account for bend 'bounce back'). EX: For a 30" radius circle ($30" \times .82 = 24.6"$), cutout a 24.6" plywood circle.

- c. Hold one edge of Monorail against the circle and bend to desired shape.

- Journée Monorail may be field cut with an ordinary hacksaw.
 1. Use a fine tooth metal blade.
 2. Hold firmly.
 3. Be sure to remove burrs with fine file or sand paper prior to final installation.
- Assemble 12'-16' sections at a time for easier handling and mounting. 2 or more people are recommended for mounting to avoid damaging the system.
- Join sections of rail using conductive connectors and ensure tight connections .
- Insert Non Conductive isolating connectors into rail where needed (for joining two separate circuits to appear as one single run).
- Insert end caps into both ends of the run. Gentle tapping with a mallet may be necessary.

4. Install Rigid Standoff supports

- REFER TO THE RIDGID STANDOFF INSTALLATION INSTRUCTIONS
- Mark Rigid Standoff locations on ceiling using plumb bob; at minimum, place every 24" of run.
- Install Rigid Standoffs to ceiling with supplied threaded collar expansion insert and standoff coupler.
- Plan you standoff placement so your monorail connections are concealed.

5. Raise the Monorail and connect to the Powerfeed and Rigid Standoffs

- Carefully raise the rail with two or more people
- Thread the power feed and Rigid Standoff cap retainers onto the power feed and standoff drops
- Make sure all connections are very tight
- Turn on the power to the system. Use a voltmeter to ensure the proper voltage at the monorail: 24 Volts.

6. POWER DOWN — MAKE SURE SYSTEM POWER IS OFF

7. Add Fixtures

- REFER TO MONORAIL TO MODULAR STEM CONNECTOR INSTALLATION INSTRUCTIONS
- Install 'Monorail to Modular Stem Connector' in each place that you intend to place a fixture. Ensure tight connections between upper and lower portions of the 'Monorail to Modular Stem Connector'. Ensure insulating sleeve is seated properly in the adapter.
- REFER TO MODULAR STEM INSTALLATION INSTRUCTIONS
- Place Journée fixtures on system by threading the 'Modular Stem' into the 'Monorail to Modular Stem Connector'. Ensure tight connections.

READ & FOLLOW OPERATING INSTRUCTIONS INCLUDED WITH YOUR JOURNÉE FIXTURES

8. Run the system for 20 minutes

Turn off the system and check for any connections that are hot to the touch.

SAVE THESE INSTRUCTIONS

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Troubleshooting

- Breaker on the transformer tripped
 - Confirm the transformer has not been overloaded.
 - If powering the system with more than one feed, ensure that Isolating Connectors are separating each feed.
 - Check that none of the elements are generating a direct short. Remove any individual fixtures to check proper installation.
 - Check the low-voltage side of the transformer with a voltmeter to ensure voltage is between 22 volts and 29 volts.

- Individual element not working
 - Check the Powerfeed Canopy for proper contact with the Monorail. Check that you haven't cross-threaded the cap and ensure that you have tightened it well.
 - Check the Monorail to Modular Stem Connector on the fixture itself. Confirm that it is seated properly and threaded securely.

- Breaker on the main panel tripped
 - Confirm the circuit has not been overloaded.
 - Change the breaker in the panel to an inductive load breaker.

- If the system is still not working, check the basics
 - Check the light switch.
 - Make sure the power feeds from the transformer to the rail are tight.
 - Check for loose wire nuts in the j-box, or transformer cover.
 - Make sure the 120 volt side of the transformer is wired correctly.

SAVE THESE INSTRUCTIONS