

WAC Lighting Rail Lighting System FAQs

WAC Lighting rail systems are trademarked and proprietary product lines of WAC. Each system has its own unique technologies and features, and provides customers with a more sleek and customized solution than can be attained with standard track lighting systems.

Flexrail1™ System

1. Is the low voltage Flexrail1™ system UL listed?
 - a. Yes. All Flexrail1™ system components are UL & CUL listed for both the United States and Canada.

2. What type of material makes up the rail?
 - a. Flexrail1™ is a semi rigid plastic extrusion encasing an aluminum core. The bus wires inside the rail are 12 AWG copper.

3. How do I feed power to the rail?
 - a. There are two different types of power feeds for the Flexrail1™. One is a rigid feed that matches up to our standard standoffs. The other is a flexible feed that would be used when the standoffs are cut to a non-standard length or in a sloped ceiling situation. They both cover a standard 4 inch octagon box and can be used anywhere along the Flexrail1™.

4. How does the rail mount to the ceiling?
 - a. It is mounted to fixed length standoffs that are available for flat, sloped or suspended ceilings.

5. What components do I need to build a complete Flexrail1™ system?
 - a.
 - Rail
 - Power feed, either thru rigid stem
 - Connectors / end caps
 - Quick Connect™ Fixtures / pendants
 - Quick Connect™ (HM1-QADP)

6. What is the capacity of the Flexrail1™ system?
 - a. Flexrail1™ is rated at 20 amps, therefore the capacity of the system is 2400 watts. We recommend de-rating to 80% so that no circuit exceeds 1920 watts. De-rating is also advised when multiple connection points are being used.

7. How long can I make a Flexrail1™ system?
 - a. Since it uses 120 volts the rail is not limited by voltage drop issues. You will need to consider the maximum capacities in your system design.

8. How long can I make a Flexrail1™ system?
 - a. Since it uses 120 volts the rail is not limited by voltage drop issues. You will need to consider the maximum capacities in your system design.

9. Can I field-cut the Flexrail1™?
 - a. Yes. The rail can be cut to a desired length with a chop saw or hacksaw. Additional end-caps may be purchased if needed.

10. Is the Flexrail1™ system dimmable?
 - a. Yes. It can be dimmed with a regular incandescent dimmer. If there is a Quick Connect™ element on the rail, an electronic low voltage dimmer required.

11. You have a series of decorative fixtures called 'Quick Connect™', what does that mean?
 - a. "Quick Connect™" is a means of quickly installing low voltage fixtures similar to a plug-in jack. Either a fixture or a pendant can connect to a rail mounted transformer (HM1-EN50). The advantage of this system is the ability to easily use any of the low voltage Quick Connect™ elements. In addition, this feature allows the same elements to be used on other Flexrail1™, FLEXRAIL2™, 120V track, and MONOPOINT/MULTIPOINT, SOLORAIL™ and DUORAIL™ systems.

12. How many fixtures are available for the Flexrail1™ system?
 - a. The Flexrail1™ track system has 90 different track heads and glass pendants designed just to work with Flexrail1™. These units are the "HM1" series featured on our website and in our catalog. In addition, by using the Quick Connect™ transformer adapter (HM1-EN50-XX) you can use any element from the Quick Connect™ family, which gives you an additional 300+ elements you can use with the system.

13. Can we install the Quick Connect™ fixtures while the rail is powered?
 - a. No. The system must be powered off before attaching any fixtures.

14. How is field bending accomplished?
 - a. We recommend using the bending tool for attaining smooth and consistent curves. The bending tool, HM-BM, is available through your local distributor. Hand-bending is possible, but smooth and consistent curves are more easily done with the HM-BM. The recommended minimum radius for bending is 23".

15. How many Power Feeds do I need for a 30' run of track?

- a. The number of Power feeds required depends on the load, and not on the length. The track is able to accommodate 20 Amps, at 80% capacity, i.e. 16 Amps. That works out to 1920 watts maximum. If you are loading more than 1920 watt on the rail, you will need a second power feed.

16. Can I mount Flexrail1™ on the wall?

- a. Flexrail1™ is not designed for wall mounting purposes.