LED - Zero Block / Single & Continuous Rail System / Components

For use with 100 Series / MLR System

Install Guide

Please read instructions in their entirety before proceeding with any part of the installation. This luminaire must be installed in accordance with the National Electric Code and local regulations. This luminaire must be installed by a qualified electrician. Use of ballast or other components not supplied by Vode Lighting voids warranty. To prevent electric shock, turn off electricity at the fuse box before proceeding. Do not install this product in wet locations. UL listed for dry and damp locations only. Retain instructions for future reference.
Technical Support: 707-996-9898

Installation Instructions:

1.) Accurate placement and alignment of **Zero Block** is **very important**. For layout info please refer to Center-to-Center Mounting Layout Page 6.

2.) Once system layout is determined, install **Zero Block** to surface as shown on Page 2 & 3. Install single **Zero Block** at each end of system and double **Zero Block** at all mid-sections.

*For single **Zero Block** locations* (See Detail **A-1**), drill 3/8" hole and slip single **Zero Block** post through hole, securing with washer, lock washer, and nut. Attach designated condiut adapter to single **Zero Block** post.

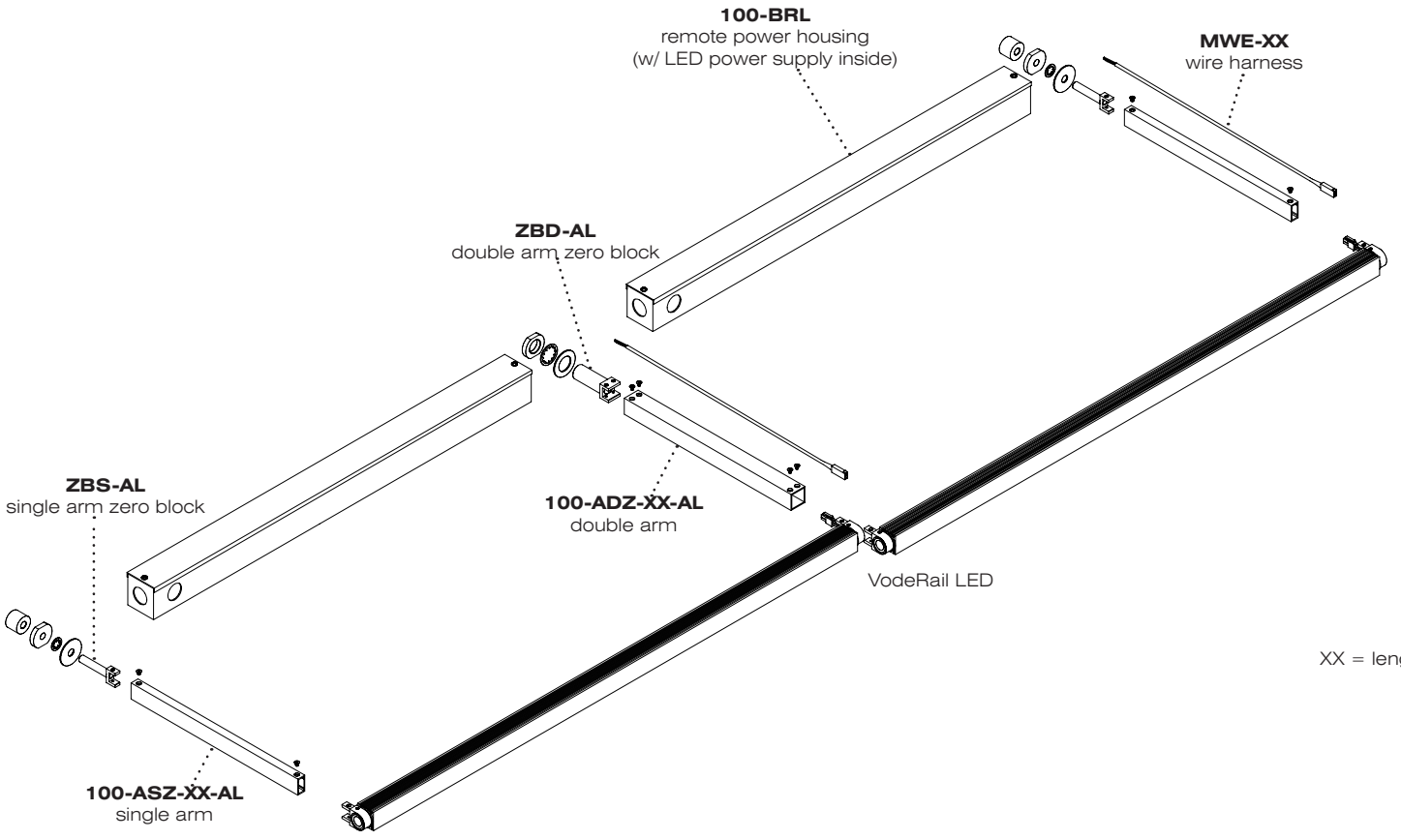
*For double **Zero Block** locations* (See Detail **A-2**), drill 13/16" hole and slip double **Zero Block** post through hole, securing with washer, lock washer, and nut. The double **Zero Block** post also serves as a conduit adapter.

3.) ***IMPORTANT!*** Before installing remote remote power supply housing, see Wiring Diagram on Page 4. Mount remote power supply housing to a location that is accessible after installation. For remote power supply max distance allowed, see Page 4.

4.) Insert wire harness through **Zero Block** as shown (See Detail **B**). If using WingRail for your system, make sure you install wire harness according to WingRail Orientation Page (included if applicable). Pull wire harness through **Zero Block** to remote power supply housing. Make sure you leave length of arm plus 1" of wire harness extending from **Zero Block** (example: 12" arm + 1" = 13"). Use Vode wire harness provided. Make line voltage and wire harness connections to power supply at this time. See Wiring Diagram on Page 4.
DO NOT power on system.

5.) Feed wire harness through arm. Leave wire harness connector extending approximately 1" out of arm, as shown on Page 2. Secure arm to **Zero Block** arm tab using screws provided. Please note, for wall mounted systems, arm mounting holes must be on top side (least visible position) as illustrated.

6.) Install rail by snapping connector on arm to mating connector on rail. Be sure that male and female connectors firmly snap together. Secure rail to arm using screws provided. Adjust rail to desired position and lock with screws provided.



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2.) Once system layout is determined, install **Zero Block** to surface as shown. Install single **Zero Block** at each end of system and double **Zero Block** at all mid-sections.

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3.) ***IMPORTANT!*** Before installing remote ballast housing, see Wiring Diagram on Page 4. Mount remote power supply housing to a location that is accessible after installation. For remote ballast max distance allowed, see Page 4.

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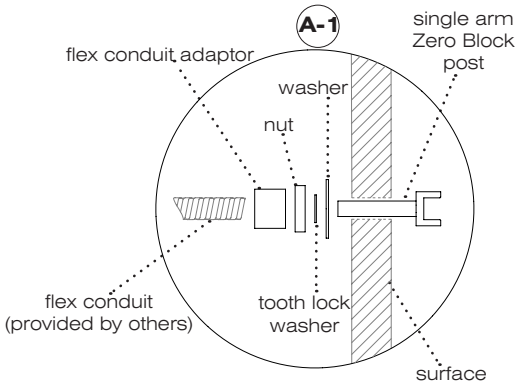
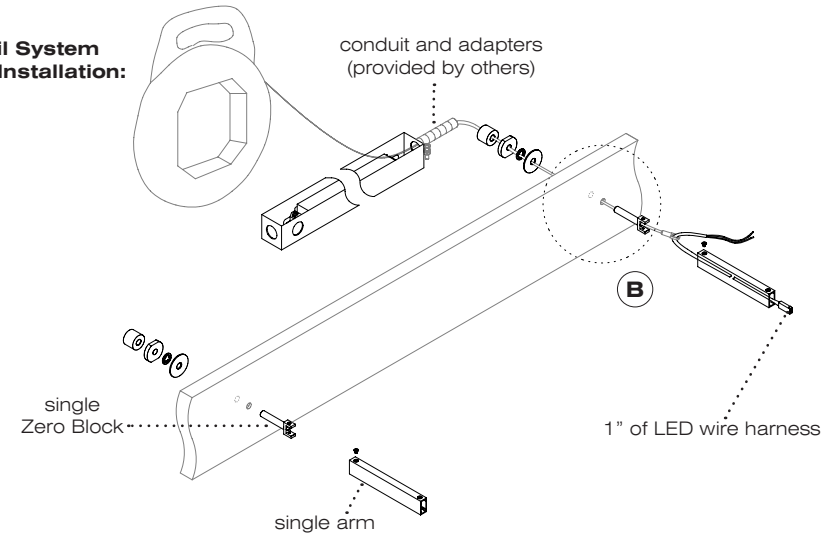
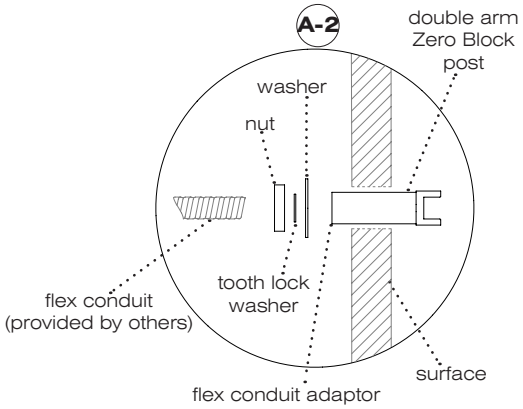
Use Vode wire harness provided. Make line voltage and wire harness connections to power supply at this time. See Wiring Diagram on Page 4.
DO NOT power on system.

5.) Feed wire harness through arm. Leave wire harness connector extending approximately 1" out of arm, as shown. Secure arm to **Zero Block** arm tab using screws provided. Please note, for wall mounted systems, arm mounting holes must be on top side (least visible position) as illustrated.

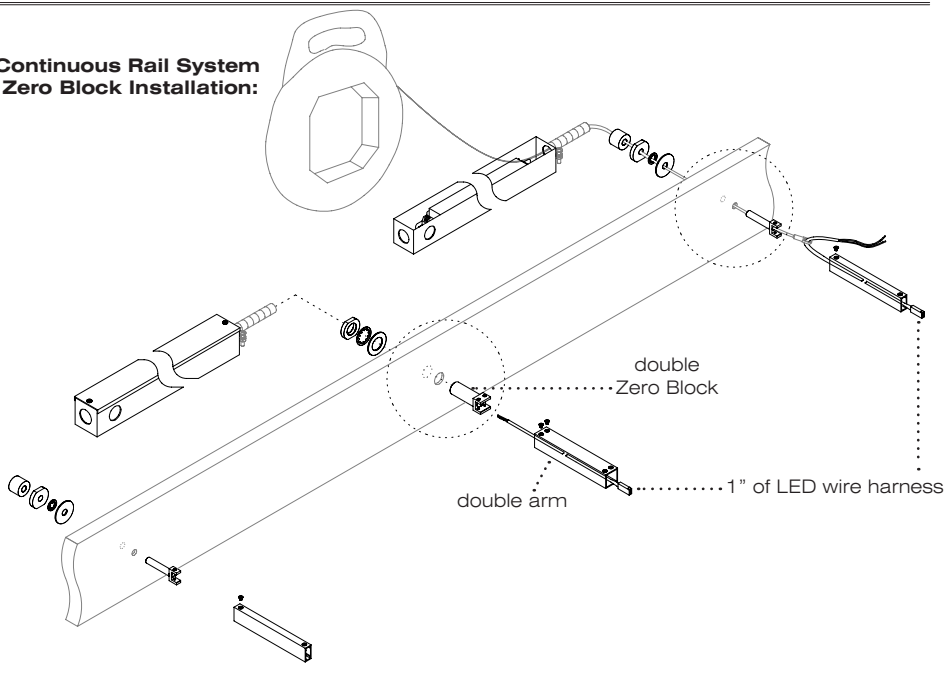


Single Rail System Zero Block Installation:





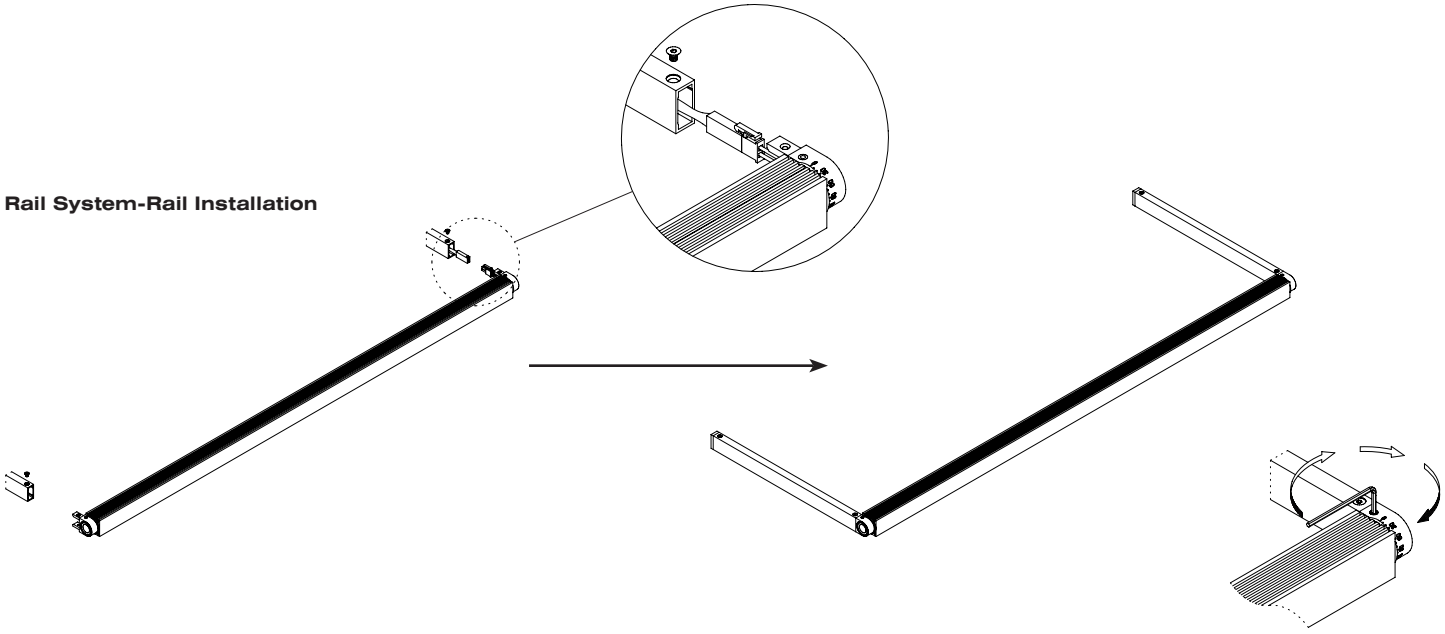
Continuous Rail System Zero Block Installation:



6.) Install rail by snapping connector on arm to mating connector on rail.
Be sure that male and female connectors firmly snap together.
Secure rail to arm using screws provided.
Adjust rail to desired position and lock with screws provided.

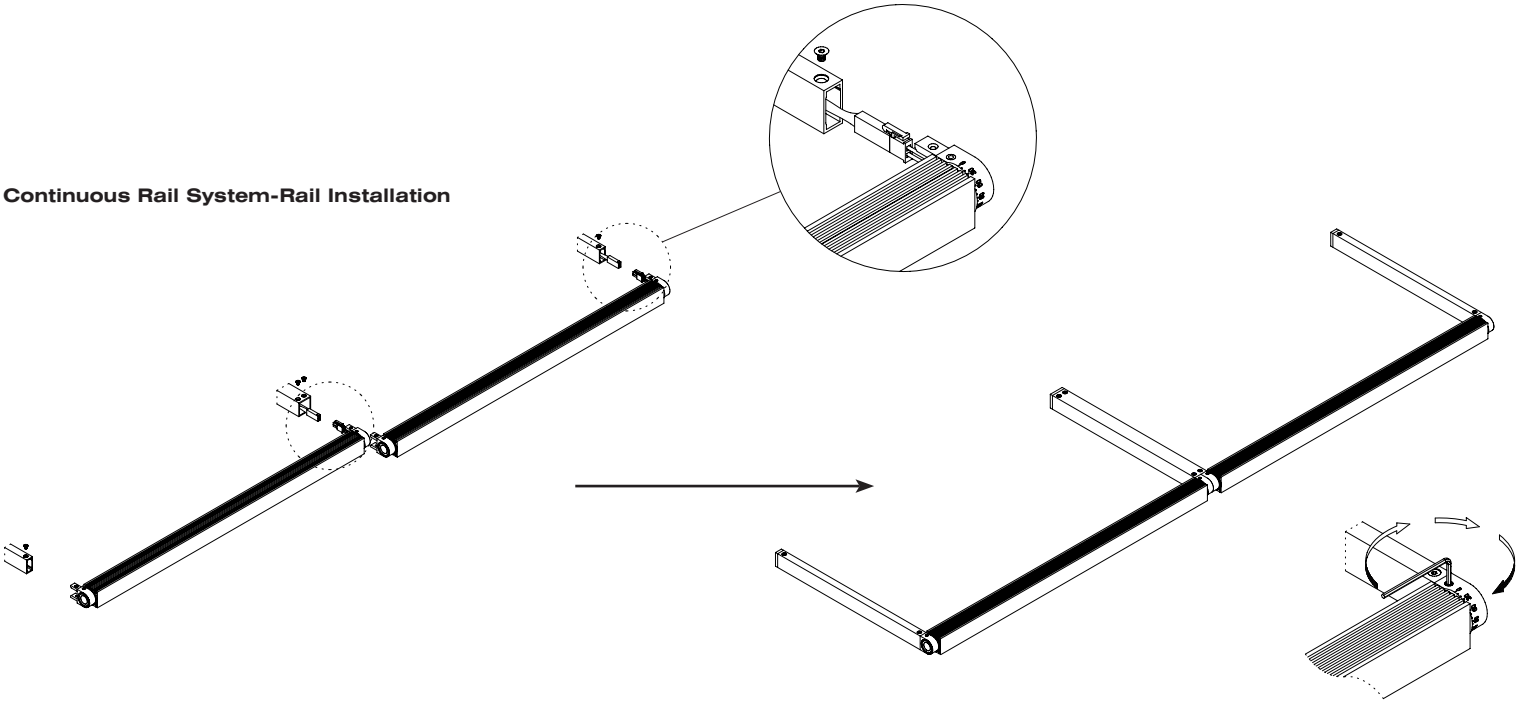
Power ON System.

Single Rail System-Rail Installation



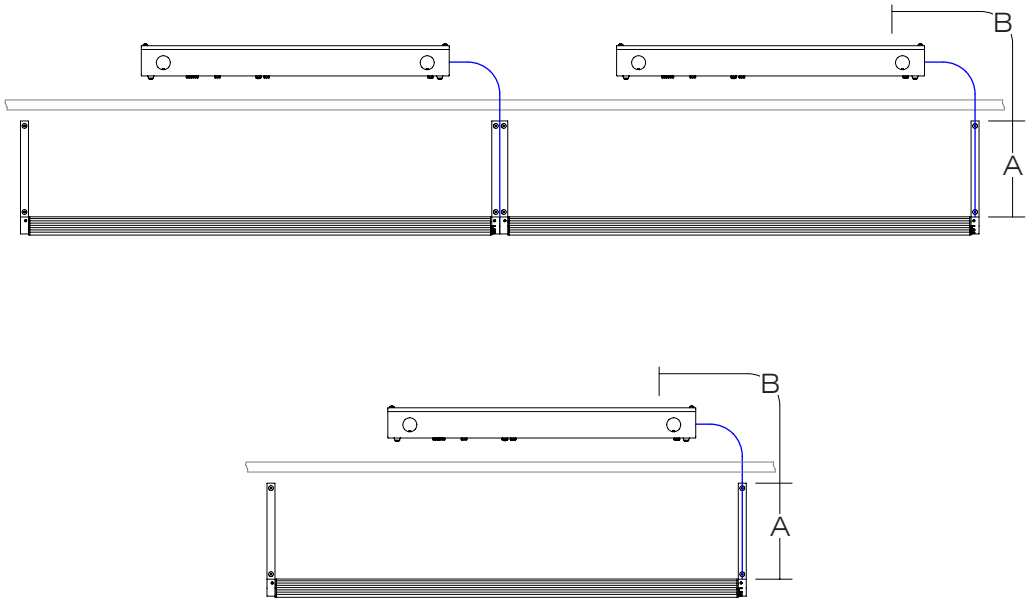
Rotate rail to desired position, lock rail into position with allen key provided as shown.

Continuous Rail System-Rail Installation



Rotate rail to desired position, lock rail into position with allen key provided as shown.

Power Supply to Rail Wire Harness Wiring Diagram:



IMPORTANT:

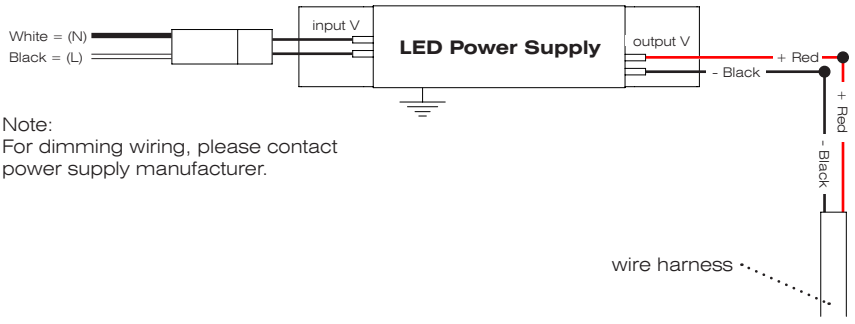
Do not exceed maximum allowable distance between LED power supply to Rail, add drop length + power supply to j-box distance in calculation.

Maximum distance from Power Supply to Rail:

Non-dimming Power Supply	25’
0-10% Dimming	25’

Example:
A + B = maximum distance allowed.

Power Supply Wiring Diagram:



Note:
For dimming wiring, please contact power supply manufacturer.

Typical center-to-center rail layout for 2', 3', 4', 5', 6' and 8' Rails