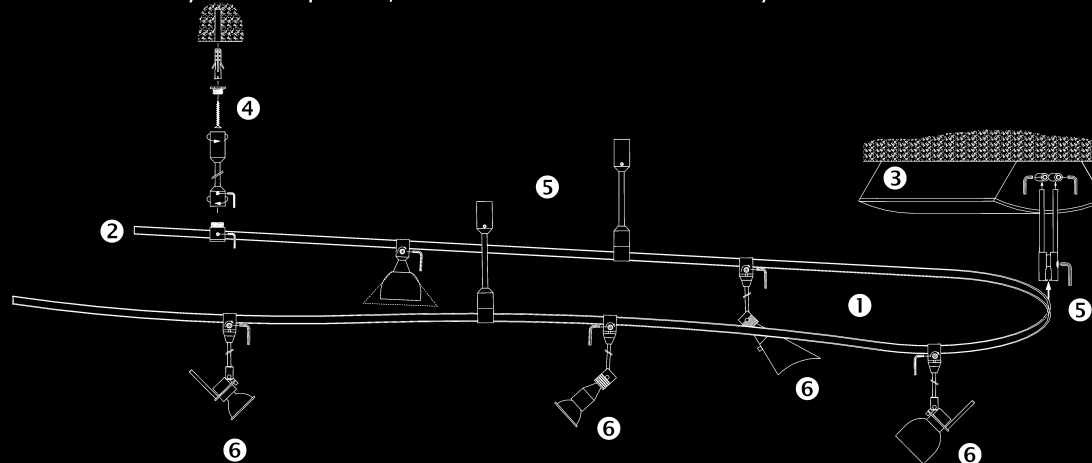


Installing OneLine (SAMPLE BILL OF MATERIALS)

When installing and using this system, please adhere to the following basic safety precautions:

- Read all instructions carefully before beginning installation
 - Turn off the electrical power at the panel before modifying the system in any way
 - Do not install this system
 - in a wet or damp location
 - with the rail concealed or extended through a building wall
 - with the fixtures located within six inches of combustible materials
- We recommend you hire a qualified, licensed electrician to install the system.



Order of Installation

- ❶ **Unpack boxes, but keep packages intact to avoid losing small hardware pieces and instructions.**
Lay the system out on the floor as an overview of where individual items will be installed.
- ❷ **Assemble rail on the floor**
 - Bend rail to desired shape
 - Join sections of rail using conductive connectors (included) and ensure tight connections
 - Insert isolating connectors into rail where needed
 - Apply end caps onto both ends of the run
- ❸ **Install remote transformer**
 - Determine location of transformer, j-box and canopy
 - Pull the correct gauge THHN wire from the transformer to the canopy (see voltage drop chart, below).
 - Install power feed extender to canopy (if using)
 - Install canopy at j-box
- ❹ **Install standoff supports**
 - Field cut standoffs (if necessary)
 - Mark standoff locations on ceiling using plumb bob; place every three feet of run
 - Install standoffs to ceiling
- ❺ **Raise the rail and connect to the power feed and standoffs**
 - Make sure power connections are properly tightened
 - Turn on the power; use a voltmeter to ensure the proper voltage
- ❻ **Add elements**
 - Install accessories and lamps
 - Place elements on system ensuring tight connections
- ❼ **Run system for 20 minutes**
Turn off the system and check for any connections that are hot to the touch. Those that are hot must be retightened.

Voltage Drop Chart

Use this chart to determine the correct THHN wire size for an acceptable 3 percent drop in voltage at the specified wattage. The length shown is the length of wire from the remote transformer to the electrical J-box.

		5 ft.	6-15 ft.	16-20 ft.	21-40 ft.	41-60 ft.	61-90 ft.
12 VOLT	150 watt	12 ga.	8 ga.	6 ga.	4 ga.	2 ga.	1 ga.
	200 watt	12 ga.	6 ga.	4 ga.	3 ga.	1 ga.	2/O ga.
	300 watt	10 ga.	6 ga.	4 ga.	1 ga.	1/O ga.	3/O ga.