

Access Fixtures

Voltage

It is essential that managers of commercial facilities know the line voltage where the fixture is to be installed. Line voltage is the voltage provided by a power line at the point of use. While U.S. residences almost always are 120v, line voltage varies in commercial facilities. In fact, the line voltage in a commercial may be different in various parts of the same building. It is essential that the voltage be known before purchasing fixtures. Fixtures that do not match the line voltage will not function properly. For instance you cannot use a 240v fixture on a 277v line.

Since voltage information may not be known or in some instances information may be incorrect, purchasing a fixture that handles multiple voltages can be prudent. Many Access Fixture fixtures have ballast options that enable the fixture to function on multiple line voltages. Fixtures with the Quad option, after being set up properly, will operate on 120v, 208v, 240v, or 277v lines. If the fixtures are hardwired, your electrician should be sat and can install your fixtures. If the fixtures are being plugged into existing ceiling sockets, you will still need to order the correct cord set.

If you have questions, call our knowledgeable Access Fixtures staff at 877.635.9282. We will be glad to help you. The correct lighting can save energy, be environmentally friendly, increase productivity and reduce operating costs. If you take your time and make the right decision, your lighting will efficiently support your organizations mission for years to come.

